पेटेंट कार्यालय
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन

PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

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

3rd OCTOBER, 2014

CONTENTS

THE PATENT OFFICE
KOLKATA, 03/10/2014
Address of the Patent Offices/Jurisdictions
The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

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

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

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

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

पेटेंट कार्यालय

कोलकाता, दिनांक 03/10/2014

क्कार्यालयों के क्षेत्राधिकार के पते

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

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

वेबसाइट: **http://www.ipindia.nic.in**

www.patentoffice.nic.in

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

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

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

(19) INDIA

(21) Application No.2958/MUM/2014 A

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 03/10/2014

(54) Title of the invention : A NOVEL PROCESS TO PREPARE INTERMEDIATES OF HIV-PROTEASE INHIBITORS THEREOF

(51) International classification	:C07D493/04, A61K 31/34, A61P 31/18
(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)ZCL CHEMICALS LTD.
Address of Applicant :'A'-806/807, 215 ATRIUM CHAKALA, ANDHERI (EAST), MUMBAI-400 059, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)AGARWAL NAND LAL
2)HIRPARA HITIN MAGANBHAI
3)MISTRI PRANAV POPATLAL
4)PATEL NITIN MAGANBHAI

(57) Abstract :
The present invention relates to an industrially feasible and economically viable process for the preparation of (lS,2R)-3-[[4-aminophenyl)-suifonyi](2-methylpropy!)amino]-2-hydroxy-l-(phenyl-methyl)propyl] amine of formula I and its salt thereof and optionally converting it to HIV-protease inhibitors like Darunavir, Amprenavir or its prodrug Fosamprenavir.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014
(21) Application No.2715/MUM/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ISOTROPIC, FLOWABLE, SKIN PH AQUEOUS CLEANSING COMPOSITIONS COMPRISING N-ACYL GLYCINATES AS PRIMARY SURFACTANTS

(51) International classification	:A61K8/44, A61Q 19/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GALAXY SURFACTANTS LTD.
Address of Applicant :C-49/2, TTC INDUSTRIAL AREA, PAWNE, NAVI MUMBAI- 400 703 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)KSHIRSAGAR, POOJA VAIDYA
2)KOSHTI, NIRMAL
3)SABAT, PRAMOD BIPRACHARAN
4)SAWANT, BHAGYESH JAGANNATH

(57) Abstract :
The present invention relates to novel aqueous cleansing composition comprising N-acyl glycinates as primary surfactants wherein the said cleansing compositions are isotropic and flowable at skin pH. The aqueous cleansing compositions are isotropic and flowable at temperature 25°C. The present invention also relates to the use of these aqueous cleansing compositions in preparing isotropic aqueous personal skin and hair cleansing formulations such as body wash, shower gels, shampoos, and other.

No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014
(21) Application No.4490/CHE/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DIAGNOSTIC KIT FOR THE DETECTION OF MICROBIAL KERATITIS

(51) International classification :c12q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) 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. ANUSHA BHASKAR
Address of Applicant :ASSOCIATE PROFESSOR CUM SCIENTIST, DEPARTMENT OF BIOCHEMISTRY CENTRE FOR RESEARCH AND DEVELOPMENT, WEST CAMPUS VALLAM, THANJAVUR - 613 403 Tamil Nadu India
(72)**Name of Inventor :**
1)DR. ANUSHA BHASKAR

(57) Abstract :
(to be given along with complete specification on separate page) Microbial keratitis is a major cause of monocular blindness in developing countries. Keratitis is caused by bacteria, viruses, fungi and parasites. It is important that the causative agent of keratitis be diagnosed which would help in the effective treatment as the ophthalmologists employ different treatment procedures for the keratitis caused by the microbes. Therefore the main goal of this study is to develop a rapid and sensitive method to detect and identify pathogen in eye swabs of keratitis patients. The bacterial and fungal colonies were isolated in eye swabs of keratitis patients and identified the genes of isolated bacteria by using 16S rRNA and 18S rDNA gene type. The species- specific PCR primers were designed by a comparison of all primers by a program written in C language. The universal primer set (i.e., forward and reverse primers) were designed for both bacterial and fungal gene. The multiplex PCR is used for convenient; inexpensive and reliable method and it is used to identify the bacteria and fungi by using universal primers for PCR amplified fragment The use of this kit will give an insight to the physician whether the disease is caused by bacteria or fungi or whether it is a mixed infection. If a negative result is obtained using this kit it is suggestive of viral keratitis. Since isolation and culture of viruses in the laboratory is expensive and laborious this kit does not use viral primers The present invention provides a diagnostic kit for keratitis causing microorganisms, which compromise the eye inflammation to opportunistic microbial keratitis.

No. of Pages : 6 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014
(21) Application No.4537/CHE/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : NON-CORTICOSTEROID KERATOLLYTIC PHYTOCHEMICAL AYURVEDIC FORMULATION FOR TREATING PSORIASIS, ECZEMA, ULCER, BURNS AND OTHER SKIN DISEASES

(51) International classification :a61k31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ACHARYA BALAKISHNA
Address of Applicant :PATANJALI NATURAL COLOROMA (P) LTD, C/O. K. SIVA SANKAR, PLOT NO-12, VENKATESWARA NAGAR, ROAD NO-1, RING ROAD, VIJAYAWADA - 520 008 Andhra Pradesh India
(72)**Name of Inventor :**
1)M. HEMANTH KUMAR

(57) Abstract :
Topical corticosteroid formulations are the mainstay in treatment of psoriasis, eczema, burns and ulcers, the conventional corticosteroid formulations have the disadvantage of adverse effects both locally and systemically due to high dose, long duration of treatment and /or large area of application. The present invention relates to a topical Non-corticosteroid Keratolytic Co-formulated with Allantoin derived from cow urine, urea derived from cow urine, lemon grass extract, aloe Vera and beeswax. This formula has been proved to be highly effective . in treating psoriasis, eczema, burns, ulcers, dandruff , warts , acne and other skin diseases with an excellent tolerability and minimal adverse effects, in addition to long lasting remissions and low percentage relapses as compared to available standard concentration corticosteroids alone or with other conventional medications for psoriasis and other related conditions.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014
(21) Application No.4538/CHE/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD OF MANUFACTURING OIL BASED NATURAL COLORS FOR COSMETIC AND PHARMACEUTICAL IMPORTANCE USING SOLID LIPID LIPOSOMAL MICROENCAPSULATION TECHNOLOGY

(51) International classification	:a61k9/00
(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)ACHARYA BALAKISHNA
Address of Applicant :PATANJALI NATURAL COLOROMA (P) LTD, C/O. K. SIVA SANKAR, PLOT NO-12, VENKATESWARA NAGAR, ROAD NO-1, RING ROAD, VIJAYAWADA - 520 008 Andhra Pradesh India
(72)**Name of Inventor :**
1)M. HEMANTH KUMAR

(57) Abstract :
Skin, hair and mucosal surfaces are useful targets for the delivery of active compounds, botanicals and, importantly, drugs. Encapsulation provides an invaluable tool to the cosmetic and/or pharmaceutical formulator, providing great flexibility in the choice of delivery mechanisms and excipients that can be used. Dispersions of solid lipid nanoparticles (SLNs) were prepared using biodegradable materials generally regarded as safe by a melt-emulsify-chill (MEC) method. Solid lipid Liposomal micro encapsulation (SLMET) technology is used to make oil dispersible natural colors. Natural colors from turmeric (yellow -curcumin), pink color from hibiscus Rosa sinensis, Green color from combination of extracts of curcumin and indigo, red to orange color from Patanga(cessalpinia seppan) , blue color is developed by caramelizing indigo blue from Indigofera tinctoria.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2014
(21) Application No.2842/CHE/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SCHEDULING ON ASYMMETRIC MULTICORE PLATFORMS USING NON-UNIFORM LAXITY BASED RANKING HEURISTIC

(51) International classification	:g06f	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)K. PRADEEP KUMAR**
(32) Priority Date	:NA	Address of Applicant :NEW #24, OLD #1, 14TH STREET,
(33) Name of priority country	:NA	NANDANAM EXTN, CHENNAI - 600 035 Tamil Nadu India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)K. PRADEEP 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 :
Muiticore processors are being used today in several embedded applications. With increase in the number of transistors and limitations in the amount of instruction level parallelism, muiticore processors provide effective solutions in terms of speed and effectiveness. In many real time embedded applications be it automated car or aircraft to an ATM machine, several tasks need to be executed concurrently to meet timeliness. Most of these tasks may be dependent In mis work, a non-uniform laxity based ranking heuristic has been proposed to group dependent tasks as cluster and attempting to execute the entire cluster.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2014
(21) Application No.3683/CHE/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ALTERNATIVE ELECTRIC POWER GENERATING DEVICE

(51) International classification :h02k
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)K. MOHAN PRASAD
Address of Applicant :NO. 4-147 B ACHAMPALAYAM, KAREGOUNDANPALAYAM, AVINASHI - 641 697 Tamil Nadu India
(72)**Name of Inventor :**
1)K. MOHAN PRASAD

(57) Abstract :
The present invention relates to the electricity generators in more particular one that requires limited or no fuel using a single system. This invention relates generally to the field of motors and more specifically to a machine for operation of electrical generators and/or other mechanical machines. The present invention also relates to the generation of the electricity that will be used in electrical and electronic instruments/devices. It saves money, power and energy. More particularly this invention concerns such usage in all the industry which runs on the electricity which is required by a consumer.

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.10715/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 03/10/2014

(54) Title of the invention : SUPPORT APPARATUS

(51) International classification	:F16M11/12,F16M11/24,F16M13/02
(31) Priority Document No	:61/353714
(32) Priority Date	:11/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/039587
Filing Date	:08/06/2011
(87) International Publication No	:WO 2011/156462
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)KNOLL INC.

Address of Applicant :1235 Water Street East Greenville Pennsylvania 18041 U.S.A.

(72)**Name of Inventor :**

1)SAPPER Richard

2)SNYDER Ronald

(57) Abstract :

A support apparatus includes a first substantially horizontal member positioned adjacent to first and second elongated substantially vertical member members. The first substantially horizontal member has a channel formed in its rear side. The channel is sized and configured to receive wiring for display devices. The first substantially horizontal member is supported or attached to first and second collars positioned on the first and second elongated substantially vertical members such that movement of the first and second collars adjusts a vertical position of the first substantially horizontal member. One or more display devices such as LCD screens or computer monitors may be positioned on the first substantially horizontal member. Preferably each display device positioned on the first substantially horizontal member is connected to the first substantially horizontal member via a connector that utilizes a releasable attachment mechanism that permits an easy removal or connection to the first substantially horizontal member.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10717/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : WATER TREATMENT PROCESS

(51) International classification :C02F1/42,B01D15/04
(31) Priority Document No :2010902072
(32) Priority Date :13/05/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000568
Filing Date :13/05/2011
(87) International Publication No :WO 2011/140613
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VOIGT Peter
2)HOLLITT Michael
3)ZONTOV Nikolai

(57) Abstract :
A water treatment process for substantially removing one or more ionic species from a feed water comprising an ion containing aqueous solution to produce a treated water product the process including: (a) a sorption step comprising contacting a solid sorbent with said feed water to produce a solution depleted in said one or more ionic species and a loaded sorbent; (b) a concentrating step comprising concentrating an inlet stream including the ionic species depleted solution to produce a concentrate rich in said one or more ionic species and said treated water product; and (c) a desorbing step comprising contacting said loaded sorbent with an aqueous desorbant including said concentrate to thereby desorb at least some of said one or more ionic species from said loaded sorbent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10718/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DETECTION OF MAGNETICALLY LABELED BIOLOGICAL COMPONENTS

(51) International classification :G01N15/14,B03C1/01,G01N33/50
(31) Priority Document No :10505931
(32) Priority Date :10/06/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050674
Filing Date :30/05/2011
(87) International Publication No :WO 2011/155890
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PETERSSON Annika

(57) Abstract :
A sample acquiring device for detection of biological components in a liquid sample is disclosed comprising a measurement cavity for receiving a liquid sample and a reagent comprising an antibody linked with a magnetic particle and arranged in a dry form inside the measurement cavity. A method is further disclosed comprising mixing the reagent with the liquid sample introducing the liquid sample into the measurement cavity applying a magnetic field to the liquid wherein the magnetic particles move in the magnetic field thereby moving the biological components to which the magnetically labeled antibodies are bound to acquiring at least one digital image of the sample after the magnetic field has been removed digitally analysing the at least one digital image for identifying biological components and detecting the magnetically labeled biological components in the measurement cavity. A system comprising the sample acquiring device and a measurement apparatus is also disclosed.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10719/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CONTROL SYSTEM HAVING USER DEFINED CONNECTION CRITERIA

(51) International classification :G05B19/418,H02P9/04
(31) Priority Document No :61/358557
(32) Priority Date :25/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041550
Filing Date :23/06/2011
(87) International Publication No :WO 2011/163431
(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)DOZIER Chad Eric
2)SCHROEDER Edward Maurer
3)WAGNER Matthew Lee

(57) Abstract :
A control system (24) is provided for use with a plurality of generator sets (14). The control system may have a transmission network (16) connected to a load (12) and separately connectable to each of the plurality of generator sets. The control system may also have a selection module (28) configured to receive from a user a selection of available parameters for use as criteria in determining connections of the plurality of generator sets with the transmission network and a controller (26) in communication with the plurality of generator sets and the selection module. The controller may be configured to detect a change in the load and determine a desired change in a connection device of at least one of the plurality of generator sets with the transmission network based on the change in the load. The controller may be further configured to selectively affect the desired change based on the selection.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10725/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ANTENNA HAVING PLANAR CONDUCTING ELEMENTS

(51) International classification :H01Q9/16,H01Q1/24
(31) Priority Document No :12/777103
(32) Priority Date :10/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/035963
Filing Date :10/05/2011
(87) International Publication No :WO 2011/143247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WOLF Forrest D.

(57) Abstract :
An antenna includes a dielectric material having i) a first side opposite a second side and ii) a conductive via therein. A first planar conducting element is on the first side of the dielectric material and has an electrical connection to the conductive via. A second planar conducting element is also on the first side of the dielectric material. A gap electrically isolates the first and second planar conducting elements from each other. An electrical microstrip feed line on the second side of the dielectric material electrically connects to the conductive via and has a route that extends from the conductive via to across the gap to under the second planar conducting element. In some embodiments first and second electromagnetic radiators of the first planar conducting element bound an open slot in the first planar conducting element. In some embodiments a positionable flexible conductor is electrically connected to the second planar conducting element or a portion of one of the conducting elements traverses a meander path.

No. of Pages : 54 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10726/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FLUID VALVE

(51) International classification :B23B
(31) Priority Document No :1002777
(32) Priority Date :30/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051485
Filing Date :27/06/2011
(87) International Publication No : NA
(61) 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 SYSTEMES DE CONTROLE MOTEUR
Address of Applicant :14 avenue des Bguines F-95800 Cergy Saint Christophe France
(72)**Name of Inventor :**
1)ADENOT Sbastien
2)HODEBOURG Grgory

(57) Abstract :
The invention relates to a fluid valve comprising a movable flap (1) provided with a first wing (3) and a second wing (4) said valve also including a gasket (2) having an opening (5) for the passage of the fluid. At least one (3) of the aforementioned wings known as the sealing wing can seal the opening (5) in the gasket (2) at least partially when the flap (1) is in the closed position. According to the invention the sealing wing (3) and the other wing (4) are positioned on each side of the gasket (2) when the flap is in the closed position and the flap comprises an intermediate area (6) connecting the first (3) and second (4) wings and extending through the opening in the gasket (6).

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10727/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SAMPLING APPARATUS

(51) International classification :F16L
(31) Priority Document No :2010-243961
(32) Priority Date :29/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/006100
Filing Date :31/10/2011
(87) International Publication No : NA
(61) Patent of Addition 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)SATO Tomoyoshi

(57) Abstract :
There is provided a chip-type sampling apparatus to be attached so that a sampling side of the sampling apparatus faces the skin the apparatus including a porous adsorption layer that faces the sampling side and has a pore diameter in a range of 0.1 to 1000nm. One example of the adsorption layer includes at least three porous layers with different central pore diameters that are laminated from the sampling side in descending order of the central pore diameters. The sampling apparatus should preferably also include a layer that sucks air through the adsorption layer.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10728/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : OPTIONALLY SUBSTITUTED 4-(BENZIMIDAZOL-2-YLMETHYLAMINO)-BENZAMIDINE

(51) International classification :C07C
(31) Priority Document No :04014917.1
(32) Priority Date :25/06/2004
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2005/006586
Filing Date :18/06/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7825/DELNP/2006
Filed on :18/06/2005

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2)HAUSHERR Arndt
3)SCHLARB Kerstin
4)SCHMITT Heinz-Peter
5)WEYELL Bjoern
6)KOCH Gunter
7)HAMM Rainer

(57) Abstract :
The invention relates to a method for producing an optionally substituted 4-benzimidazol-2-ylmethylamino-benzamidine. Said method is characterised in that (a) an optionally correspondingly substituted diaminobenzol is condensed with 2-[4-(1 2 4-oxadiazol-5-on-3-yl)-phenylamino]-ethanoic acid (b) the thus obtained product is hydrogenated and (c) optionally the amidino group is carbonylated.

No. of Pages : 24 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10729/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : OPTIONALLY SUBSTITUTED 4-(BENZIMIDAZOL-2-YLMETHYLAMINO)-BENZAMIDINE

(51) International classification :C07C
(31) Priority Document No :04014917.1
(32) Priority Date :25/06/2004
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2005/006586
Filing Date :18/06/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7825/DELNP/2006
Filed on :18/06/2005

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4)SCHMITT Heinz-Peter
5)WEYELL Bjoern
6)KOCH Gunter
7)HAMM Rainer

(57) Abstract :
The invention relates to a method for producing an optionally substituted 4-benzimidazol-2-ylmethylamino-benzamidine. Said method is characterised in that (a) an optionally correspondingly substituted diaminobenzol is condensed with 2-[4-(1 2 4-oxadiazol-5-on-3-yl)-phenylamino]-ethanoic acid (b) the thus obtained product is hydrogenated and (c) optionally the amidino group is carbonylated.

No. of Pages : 24 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10730/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : OPTIONALLY SUBSTITUTED 4-(BENZIMIDAZOL-2-YLMETHYLAMINO)-BENZAMIDINE

(51) International classification :C07C
(31) Priority Document No :04014917.1
(32) Priority Date :25/06/2004
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2005/006586
Filing Date :18/06/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7825/DELNP/2006
Filed on :18/06/2005

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3)SCHLARB Kerstin
4)SCHMITT Heinz-Peter
5)WEYELL Bjoern
6)KOCH Gunter
7)HAMM Rainer

(57) Abstract :
The invention relates to a method for producing an optionally substituted 4-benzimidazol-2-ylmethylamino-benzamidine. Said method is characterised in that (a) an optionally correspondingly substituted diaminobenzol is condensed with 2-[4-(1 2 4-oxadiazol-5-on-3-yl)-phenylamino]-ethanoic acid (b) the thus obtained product is hydrogenated and (c) optionally the amidino group is carbonylated.

No. of Pages : 24 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10733/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PROCESS FOR PRODUCING A SILICA SOL MATERIAL

(51) International classification :C07C
(31) Priority Document No :102010023336.6
(32) Priority Date :10/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059302
Filing Date :06/06/2011
(87) International Publication No : NA
(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)EKKEHARD BARTH
2)ROLF BACHMANN
3)ARNE BRAUN
4)MAREN HEINEMANN
5)SEBASTIAN SCHMIDT

(57) Abstract :
Provided is a wiring structure for a harness that facilitates work when the cab mount is replaced. The hydraulic excavator (1) comprises a lower travel body (2), an 5 upper swivel body (3), a harness (50), and a bracket (52). The upper swivel body (3) has a cab (5) and a plurality of electrical components. A harness (50) is drawn out from the cab (5) interior and connected to the electrical components. A bracket (52) is secured to the cab (5) and used for 10 supporting the harness (50) along the cab side surface (5b). The harness (50) is supported about the periphery of the bracket (52), and has a first portion downwardly drawn out from the bottom surface of the cab (5), a second portion extending outward from a side surface of the cab (5) and 15 forward from the first portion along the bottom surface of the cab (5), a third portion extending upward from the second portion along the side surface of the cab (5), and a fourth portion extending toward the rear of the vehicle from the third portion along the side surface of the cab (5).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10734/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : OPTICAL FIBER OPTICAL FIBER CORD AND OPTICAL FIBER CABLE

(51) International classification :G06Q
(31) Priority Document No :2011-064150
(32) Priority Date :23/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057014
Filing Date :19/03/2012
(87) International Publication No : NA
(61) Patent of Addition 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)NAKANISHI Tetsuya
3)HAYASHI Tetsuya

(57) Abstract :
A trench optical fiber that stably realizes a small transmission loss includes (1) a core extending in an axial direction while containing an axial center of the fiber the core having a diameter d1 of 7.0 ïm to 7.4 ïm; (2) a first optical cladding layer surrounding the core and having an outside diameter d2 of 1.67d1 to 2.5d1; (3) a second optical cladding layer surrounding the first optical cladding layer; and (4) a jacket layer surrounding the second optical cladding layer and containing fluorine having a concentration of 0.06 wt% or higher. A relative refractive index difference ï„1 of the core with respect to the jacket layer is 0.31% to 0.37%. A relative refractive index difference ï„2 of the first optical cladding layer with respect to the jacket layer is +0.02% or larger and smaller than ï„1.....

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10735/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : THERAPEUTIC PILLOW WITH HAND REST

(51) International classification :A47J
(31) Priority Document No :61/358,860
(32) Priority Date :25/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040892
Filing Date :17/06/2011
(87) International Publication No : NA
(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)ROBAN Andres

(57) Abstract :
The disclosed embodiments relate generally to a therapeutic pillow and more particularly the disclosed embodiments relate to a pillow designed to support the head and neck of a sleeper and provide facial protection against definition lines and wrinkles in any position during sleep. The neck and head support also is designed to aid in better respirations and breathing while sleeping on the pillow and allow positioning and support of aroma therapy or any other type of therapy on the pillow while sleeping. The hand rest portion allows better positioning of the shoulder region and neck region for sleep and also provide support to the arm region to promote healing if the arm is injured.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10744/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : Cyclic Amine Azaheterocyclic Carboxamides

(51) International classification :C07C
(31) Priority Document No :61/368,972
(32) Priority Date :29/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045658
Filing Date :28/07/2011
(87) International Publication No : NA
(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)NEAGU Constantin
4)JONES Reinaldo
5)XIAO Yufang
6)MOCHALKIN Igor

(57) Abstract :
The invention provides novel cyclic amine azaheterocyclic carboxamide according to Formula (I) Formula (II) and Formula (III) their manufacture and use for the treatment of hyperproliferative diseases such as cancer.

No. of Pages : 113 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10745/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TOPICAL FORMULATION FOR A JAK INHIBITOR

(51) International classification :A61K
(31) Priority Document No :61/347,132
(32) Priority Date :21/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037291
Filing Date :20/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PARIKH Bhavnish
2)SHAH Bhavesh
3)YELESWARAM Krishnaswamy

(57) Abstract :
This invention relates to pharmaceutical formulations for topical skin application comprising (R)-3-cyclopentyl-3-[4-(7H-pyrrolo[2 3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl]propanenitrile or a pharmaceutically acceptable salt thereof and use in the treatment of skin disorders.

No. of Pages : 80 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10746/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : NUMBER OF TERMINAL ESTIMATION DEVICE AND NUMBER OF TERMINAL ESTIMATION METHOD

(51) International classification :H01J
(31) Priority Document No :2010-240551
(32) Priority Date :27/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/073584
Filing Date :13/10/2011
(87) International Publication No : NA
(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)MASAYUKI TERADA
2)MOTONARI KOBAYASHI
3)ICHIRO OKAJIMA

(57) Abstract :
A number-of-terminals estimation device has a unit to acquire location data; a unit to acquire location acquisition time information of second location data immediately preceding the first location data and 5 third location data immediately following the first location data, from location data including the same identification information; a unit to calculate a feature amount of the first location data, based on at least two of the location acquisition time information of the first to third location data; a unit to acquire observation target location data including 10 location acquisition time information after an observation start time and before an observation end time and including location information corresponding to observation area information; and a unit to estimate the number of terminals located in the observation area during the observation period, based on feature amounts of the observation target 15 location data and the length of the observation period.

No. of Pages : 131 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10747/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : VESICLES WITH ENCAPSULATED SUBSTANCE AND PRODUCTION METHOD THEREFOR

(51) International classification :B01J13/04
(31) Priority Document No :2010-117823
(32) Priority Date :21/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061790
Filing Date :23/05/2011
(87) International Publication No : NA
(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)YASUTAKA ANRAKU
4)KANJIRO MIYATA
5)SAYAN CHUANOI
6)TOMOYA SUMA
7)MAKOTO OBA

(57) Abstract :
Provided is a method for easily and efficiently producing encapsulated substance vesicles wherein a 5 substance is encapsulated in the cavity of vesicles obtained by polymer self-assembly. Empty vesicles that have membranes comprising a first polymer that is a block copolymer with uncharged hydrophilic segments and a first kind of charged segments and a second polymer with a 10 second kind of charged segments that carry a charge that is the opposite of said first kind of charged segments as well as spaces that are enclosed by said membranes are mixed in an aqueous medium with the substance that is to be encapsulated in the spaces.

No. of Pages : 133 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10748/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : STRUCTURAL MEMBER

(51) International classification :E06B
(31) Priority Document No :2010-138567
(32) Priority Date :17/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063874
Filing Date :17/06/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MASAAKI MIZUMURA
3)KOICHI SATO

(57) Abstract :
A structural hydroformed joint member has projecting portions (30a, 30b) formed integrally on an outer peripheral face of a hollow main tube part (20) by hydroforming an element tube with an outside diameter D. In this case, both intersecting planes (35a, 35b), which are projecting planes of end faces (33a, 33b) of the projecting portions (30a, 30b) toward the main tube part (20), share a plane perpendicular to the main axis (40) of the main tube part (20) only in portions (36a, 36b) of the intersecting planes (35a, 35b). At that time, by setting areas of the portions (36a, 36b) to 30% or more and 90% or less relative to an area of each of the intersecting planes (35a, 35b), a projecting height of each of the projecting portions (30a, 30b) is 0.3D or higher for functioning as a joint.

No. of Pages : 79 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10750/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SURFACE COATED POLYESTER BASED FIBROUS SUBSTRATE

(51) International classification :C09D171/02,D06M15/53
(31) Priority Document No :201010229883.5
(32) Priority Date :14/07/2010
(33) Name of priority country :China
(86) International Application No :PCT/US2011/043806
Filing Date :13/07/2011
(87) International Publication No :WO 2012/009404
(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)HU Tengjiao

(57) Abstract :
This invention relates to polyester based fibrous substrates being surface coated at least partially with a coating composition comprising perfluoropolyethers. Processes of application of the coating compositions are also provided. The polyester based fibrous substrates after surface coating have improved wear and/or abrasion resistance relative to uncoated fibrous substrates.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10751/DELNP/2012 A
(43) Publication Date : 03/10/2014

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

(51) International classification :H04L12/14,H04L12/24,H04L12/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2010/053166
Filing Date :09/07/2010
(87) International Publication No :WO 2012/004634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARTINEZ PEREZ Alfonso de Jesus
3)CAMPO GIRALTE Luis
4)ALVAREZ DOMINGUEZ Rodrigo

(57) Abstract :
A Policy and Charging Rules Function server (PCRF) of a Policy and Charging Control (PCC) Architecture for deciding control rules applicable to user traffic flows to be inspected in accordance with applicable telecommunication protocols for each traffic flow by a Policy and Charging Enforcement Function server with Deep Packet inspection capabilities (PCEF DPI) of the PCC Architecture. The PCRF includes a database having a list of protocols used in the user tialYtc flow s The PCRF includes an interface unit which receives a query from the PCEF DPI about applicable control rules for an IP Connectivity Access Network (IP CAN) session established for a user at the PCEF DPl The PCRF includes a processing unit which sends the applicable control rules for the IP CAN session and the list of protocols through the interface unit to the PCEF DPl. A Policy and Charging Enforcement Function server having Deep Packet Inspection capabilities (PCEF DPI) of a Policy and Charging Control (PCC) Architecture. A method of a Policy and Charging Rules Function server (PCRF) of a Policy and Charging Control (PCC) Architecture. A method of a Policy and Charging Enforcement Function server having Deep Packet inspection capabilities (PCFF DPI) of a Policy and Charging Control (PCC) Architecture.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10752/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FLAME RETARDANT POLY(TRIMETHYLENE) TEREPHTHALATE COMPOSITIONS AND ARTICLES MADE THEREFROM

(51) International classification :C08L67/03,C08K5/3477,C08K5/5357
(31) Priority Document No :61/355770
(32) Priority Date :17/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/036575
Filing Date :16/05/2011
(87) International Publication No :WO 2011/159414
(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)SAMANT Kalika Ranjan
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(57) Abstract :
Poly(trinnethylene terephthalate) compositions and articles made therefrom having improved flame retardancy are provided. The compositions can be used to make carpets that are suitable for installation where flame retardancy is desired.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10753/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MONOLITHIC PHOTOVOLTAIC SOLAR CONCENTRATOR

(51) International classification :H01L31/04,H01L31/052
(31) Priority Document No :61/354039
(32) Priority Date :11/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000693
Filing Date :10/06/2011
(87) International Publication No :WO 2011/153633
(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)MYRSKOG Stefan

(57) Abstract :
A photovoltaic solar collector and concentrator apparatus consists of a solid one piece sun light transmitting non imaging optical element coupled to a photovoltaic cell. The photovoltaic solar collector and concentrator has an entry surface including focusing elements and an opposed surface including uncoated reflector elements. The focused sun light is directed by the reflector elements via total internal reflection directly towards the photovoltaic cell without any reflection from the entry surface. An additional redirecting element based on total internal reflection and integral with the collector and concentrator optical element is used to couple the sunlight from the reflector elements to a photovoltaic cell positioned in plane parallel to the entry surface.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10754/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR DEPOSITING AN ELECTRODEPOSITABLE COATING COMPOSITION ONTO A SUBSTRATE USING A PLURALITY OF LIQUID STREAMS

(51) International classification :C25D5/00,C25D5/08,C25D9/00
(31) Priority Document No :12/813537
(32) Priority Date :11/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2011/039403
Filing Date :07/06/2011
(87) International Publication No :WO 2011/156341
(61) Patent of Addition 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)BOYD Donald W.
3)KABAGAMBE Benjamin
4)McCAMY James W.
5)McPHERON Douglas A.

(57) Abstract :
The present invention is directed to a method for coating a substrate wherein the substrate is electrically conductive the method comprising simultaneously applying a plurality of electrically conductive liquid materials to different portions of the substrate wherein at least one of the electrically conductive liquid materials comprises an ionic compound; and applying an electrical current to at least one of the liquid materials thereby depositing the ionic compound onto the substrate.

No. of Pages : 21 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10780/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PRESSURE RING AND METHOD FOR PRODUCING THE SAME

(51) International classification :B29D
(31) Priority Document No :2010-119048
(32) Priority Date :25/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061857
Filing Date :24/05/2011
(87) International Publication No : NA
(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)YUJI SHIMA
2)JUNYA TAKAHASHI

(57) Abstract :
To provide a price-competitive compression ring having excellent thermal conductivity and thermal sag resistance , which can be used in a high-thermal -load environment of high-compression-ratio engines, steel 5 identified by the material number of SUP10 in JIS G 4801, which contains small amounts of alloying elements, is used, and a piston ring wire is annealed before an oil-tempering treatment such that spheroidal cementite having an average particle size of 0.1-1.5 μm is dispersed in a tempered martensite matrix, thereby suppressing the movement of dislocation and creep even at 300°C, and 10 improving thermal sag resistance.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10781/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DISPENSER FOR POWDERY COMPOSITIONS CONTAINED IN A SEPARATE PACK

(51) International classification :C07C
(31) Priority Document No :10 2010 017 333.9
(32) Priority Date :11/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059326
Filing Date :07/06/2011
(87) International Publication No : NA
(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 :
Dispenser (1) for powdered compositions (M) contained in a separate pack, in particular compositions contained in a blister pack (18), the pack having a container part (14) 5 with a pull-off container cover (16), furthermore an aspirated air stream being sucked predominantly through the container part (14), after the container cover (16) has been removed from the container part (14), in such a way that two air streams (a, b) entering through slits (29) in a lid (19) empty the container part (15) from its two ends and, after combining, pass into a vortex chamber (7) arranged upstream of a mouthpiece (3), 10 characterized in that the air stream channel (27) configured as an arcuate path leads to the more distant end of the container part (14) and surrounds the container part (14) with an at least 180° curved region (52).

No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10782/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : AXLE HOUSING ASSEMBLY FOR WORK VEHICLE

(51) International classification :B23B
(31) Priority Document No :2012-008021
(32) Priority Date :18/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061728
Filing Date :08/05/2012
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUMIAKI NAKATA

(57) Abstract :
A simple structure is implemented in attaching a protective plate to an axle housing and processing for attachment s facilitated. The present axle housing assembly includes an axle housing (2) and a 5 protective plate (5) . The axle housing (2) has a first recessedportion (21) for press fitting, opened to a vehicle outer side, on the end thereof. The first recessed portion (21) has a constant inner diameter (d) . The protective plate (5) is press-fitted into the first recessed portion (21) and the outer peripheral surface thereof has a single 10 reference dimension (D). Further, in the protective plate (5), an inner region (B) of the outer peripheral surface, arranged on an inner side in a press fitting direction, is processed with a first tight fit tolerance range with respect to the reference dimension (D), whereas an outer region (A) of the outer peripheral surface is processed 15 with a second tight fit tolerance range less than the first tight fit tolerance range.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10783/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MOULDING ELEMENT COMPRISING A PLURALITY OF RIBS AND AT LEAST ONE RIB-FREE MEASUREMENT ZONE

(51) International classification :B30B
(31) Priority Document No :10 54229
(32) Priority Date :31/05/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/058917
Filing Date :31/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOSEPH ROCHE

(57) Abstract :
The invention relates to a moulding element for a mould for a tyre comprising a tread provided with a plurality of blocks. Each block comprises a contact surface intended to come into contact with a road surface during running. The moulding element also comprises a moulding surface (5) for moulding the contact surfaces of the blocks. The moulding surface comprises a plurality of ribs (7) intended to mould fine grooves in the blocks. These ribs have a height of between 0.005 and 1 mm, a width of between 0.01 mm and 0.3 mm and the pitch (P) of the ribs is between 0.1 and 2 mm. The moulding surface comprises at least one rib-free measurement zone (9) able to accept measuremenl means. This measurement zone has the overall shape of a disc the diameter of which is greater than 3 mm

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10790/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHODS FOR SELECTING METHYLATION MARKERS

(51) International classification :C12Q1/68
(31) Priority Document No :1007944.0
(32) Priority Date :12/05/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000733
Filing Date :12/05/2011
(87) International Publication No :WO 2011/141711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WILKINSON Michael James
3)LOPEZ Carlos Marcelino Rodriguez

(57) Abstract :
The present invention relates to a method of identifying sets of DNA loci for identifying atypical growth conditions and for identifying the identity or source of cells of interest. The method can include identifying a plurality of sets of DNA loci that may identify a plurality of atypical growth conditions in cells of different origin and/or genotype. There is also provided sets of DNA loci and uses thereof.

No. of Pages : 124 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10791/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : RELAY DEVICE RELAY METHOD WIRELESS COMMUNICATION SYSTEM BASE STATION AND WIRELESS COMMUNICATION DEVICE

(51) International classification :H04N
(31) Priority Document No :2010-139935
(32) Priority Date :18/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/062990
Filing Date :07/06/2011
(87) International Publication No : NA
(61) Patent of Addition 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)YUICHI MORIOKA

(57) Abstract :
Provided is a relay device including a receiving unit for receiving information from a plurality of wireless communication devices, a storage unit for 5 accumulating the information received from the plurality of wireless communication devices by the receiving unit, an information processing unit for aggregating the information accumulated in the storage unit, and a transmitting unit for transmitting the information aggregated by the information processing unit to a base station.

No. of Pages : 42 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10792/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : NATURAL NONWOVEN MATERIALS

(51) International classification :D04H1/46,D06N3/00,D06N3/04
(31) Priority Document No :1008729.4
(32) Priority Date :25/05/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000802
Filing Date :25/05/2011
(87) International Publication No:WO 2011/148136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GALLART Anna Rib
3)ROMERO Javier Jimnez
4)PAUL Roshan
5)BROUTA AGN‰SA Marolda

(57) Abstract :
There is described a nonwoven material comprising a multilayered stack the multilayered stack comprising discrete interconnected layers each of the layers which may be the same or different comprising a composite fibre of from about 80 to 100% w/w leaf or stem fibre and from about 1 to 20% w/w of a polymer wherein the polymer is fusible at a temperature of about 180°C or less. There is also described a novel method of enzyme degumrning leaf and/or stem fibres.

No. of Pages : 63 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10796/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A SILICONE HYDROGEL LENS WITH A CROSSLINKED HYDROPHILIC COATING

(51) International classification :G02C7/04,B05D5/06,B29D11/00
(31) Priority Document No :61/369102
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045810
Filing Date :29/07/2011
(87) International Publication No :WO 2012/016098
(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)KOLLURU Chandana
5)MEDINA Arturo N.
6)WINTERTON Lynn Cook
7)WU Daqing
8)QIAN Xinming
9)NELSON Jared

(57) Abstract :
A cost effective method for making a silicone hydrogel contact lens has a crosslinked hydrophilic coating applied thereon. The method involves heating a silicone hydrogel contact lens in an aqueous solution in the presence of a water soluble highly branched thermally crosslinkable hydrophilic polymeric material having positively charged azetidinium groups and at a temperature from 40 Centigrade to 140 Centigrade for a period of time sufficient to covalently attach the thermally crosslinkable hydrophilic polymeric material onto the surface of the silicone hydrogel contact lens through covalent linkages each formed between one azetidinium group and one of the reactive functional groups on and/or near the surface of the silicone hydrogel contact lens thereby forming a crosslinked hydrophilic coating on the silicone hydrogel contact lens. Such method can be advantageously implemented directly in a sealed lens package during autoclave.

No. of Pages : 70 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10797/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DEVICE AND METHOD FOR GENERATING A COLLIMATED BEAM OF ACOUSTIC ENERGY IN A BOREHOLE

(51) International classification :G01V1/38,
(31) Priority Document No :12/793,414
(32) Priority Date :03/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/035595
Filing Date :06/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SINHA Dipen N.
3)PANTEA Cristian
4)NIHEI Kurt T.
5)SCHMITT Denis P.
6)SKELT Christopher

(57) Abstract :
In some aspects of the invention a method of generating a beam of acoustic energy in a borehole is disclosed. The method includes generating a first acoustic wave at a first frequency; generating a second acoustic wave at a second frequency different than the first frequency wherein the first acoustic wave and second acoustic wave are generated by at least one transducer carried by a tool located within the borehole; transmitting the first and the second acoustic waves into an acoustically non-linear medium wherein the composition of the non-linear medium produces a collimated beam by a non-linear mixing of the first and second acoustic waves wherein the collimated beam has a frequency based upon a difference between the first frequency and the second frequency; and transmitting the collimated beam through a diverging acoustic lens to compensate for a refractive effect caused by the curvature of the borehole.

No. of Pages : 68 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10803/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PRODUCTION SYSTEM FOR PAPER FACED GYPSUM BOARD AND DRYING DEVICE THEREOF

(51) International classification :C07C
(31) Priority Document No :201010222416.X
(32) Priority Date :30/06/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/076034
Filing Date :16/08/2010
(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

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5)Julian FENG
6)Pengqi WANG
7)Danjun TAN
8)Hongcheng BAI

(57) Abstract :
A production system for a paper faced gypsum board and a drying device thereof are provided. Wherein the production system comprises orderly a raw materials preparation stage an extrusion stage a board material cutting stage a drying stage and a product checking and storing stage. The drying stage further comprises one or more box bodies (1) arranged abreast and orderly microwave tubes (11) each of which being provided in each of box bodies (1) respectively and a microwave suppressor (12) between the box bodies(1); a hot air device (2) provided in the box body(1) for blowing hot air to the paper faced gypsum boards(7); a moisture drainage device (3) provided at top of space between the box bodies (1) for discharging hot humid air; a thermal cycling device (4) being configured to connect with the hot air device (2) the moisture drainage device (3) and the microwave tubes (11) ...

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10804/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MAGNESIUM-BASED ALLOY FOR WROUGHT APPLICATIONS

(51) International classification :C22C
(31) Priority Document No :2010902247
(32) Priority Date :24/05/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000611
Filing Date :24/05/2011
(87) International Publication No : NA
(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)Daniel LIANG
5)Peter Adrian LYNCH
6)Guangsheng SONG

(57) Abstract :
An improved magnesium-based alloy for wrought applications is disclosed including a method of fabricating alloy sheet from said alloy. The improved magnesium-based alloy consists of: 0.5 to 4.0% by weight zinc; 0.02 to 0.70% by weight a rare earth element or mixture of the same including gadolinium; and incidental impurities. The rare earth element in some embodiments may be yttrium and/or gadolinium. In some embodiments the magnesium-based alloy may also consist of a grain refiner and in some embodiments the grain refiner may be zirconium. In combination the inclusion of zinc and a rare earth element into the magnesium alloy may have enhanced capacity for rolling workability deep drawing at low temperatures and stretch formability at room temperature. The improved alloy may also exhibit increased tensile strength and formability while evincing a reduced tendency for tearing during preparation.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10805/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TIN LINER

(51) International classification :B30B
(31) Priority Document No :2010902157
(32) Priority Date :18/05/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000571
Filing Date :16/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Edward Joseph KHOURY

(57) Abstract :
A tin liner (10) comprising a portion (22) sheet (16) of material having a first longitudinal side (24) and a second longitudinal side (25) and a plurality of transversely extending elongate strips (26) extending from the second longitudinal side (25). Each elongate strip (26) has first and second parallel longitudinal sides (28). When the sheet of material (16) is formed into a tube the elongate strips (26) can be folded perpendicularly to the plane of the sheet (16) such that the elongate strips (26) overlap to form a planar surface bounding an end of the formed tube.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10806/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MIRROR MODULE

(51) International classification :G02B7/18,
(31) Priority Document No :A 1406/2010
(32) Priority Date :23/08/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2011/063424
Filing Date :04/08/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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

(57) Abstract :
The invention relates to a mirror module (1) of a Fresnel Solar Collector System with a plurality of mirror elements (5) pivotably mounted on a carrier plate (6) and extending in parallel which focus the sun light upon a receiver unit (2) mounted above the mirror module (1) in a raised position. The mirror elements (5) are pivotably mounted on the carrier plate (6) at least along longitudinal sections.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10810/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : BACKHOE LOADER

(51) International classification :A47J
(31) Priority Document No :2011-172751
(32) Priority Date :08/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060456
Filing Date :18/04/2012
(87) International Publication No : NA
(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)HIROAKI TAKESHIMA
2)YOSHITO KOMATSU

(57) Abstract :
In a backhoe loader, fuel consumption is reduced by reducing a load of a hydraulic pump. The backhoe loader includes: a transmission (6) ; a cab (11) including in its inside an operators seat (16) allowed 5 to be forwardly and backwardly oriented; a loader (3) disposed forwards of the cab (11) ; a backhoe disposed rearwards of the cab; a hydraulic pump (50) for supplying an operating oil to a hydraulic clutch; a hydraulic circuit (52) including a main relief valve (53) for setting an intra-circuit hydraulic pressure to be a first hydraulic pressure; 10 a work mode determining unit configured to determine whether or not an operating mode is a backhoe work mode using the backhoe; and an unload valve (54) . The unload valve (54) is configured to control the relief pressure of the main relief valve (53) at a second hydraulic pressure lower than the first hydraulic pressure when the work mode 15 determining unit determines that the operating mode is the backhoe work mode.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10812/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR THE PORTIONED PACKAGING OF A FOOD MASS

(51) International classification :B65B9/12
(31) Priority Document No :10 2010 021 838.3
(32) Priority Date :28/05/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/057984
Filing Date :17/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ROLAND ZEUSCHNER
2)STEFAN HOFER

(57) Abstract :
A method for the portioned packaging of an at least substantially incompressible food mass (16), more particularly of processed cheese, which is filled as a flowable mass into a tubular wrapping comprising a thermoplastic plastic film, characterized in that the thermoplastic plastic film of the wrapping (2) enclosing the food mass (16) is shaped in a mold into individual units (23), each defining a portion, with displacement of the food mass out of sealing areas, in that the units (23) disposed one behind the other are delimited with respect to each other in the sealing area (24) by way of sealing and are subsequently separated from one another.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10813/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : BACKHOE LOADER

(51) International classification :A47J
(31) Priority Document No :2011-170980
(32) Priority Date :04/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060457
Filing Date :18/04/2012
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YOSHITO KOMATSU

(57) Abstract :
In a transmission of a backhoe loader, weight reduction is achieved by reducing a load torque of an intermediate shaft, and thereby, fuel consumption is reduced. The backhoe loader includes a multi-axis 5 transmission, and the multi-axis transmission includes: an input shaft (40) to which power is inputted; a front output shaft (43) to be coupled to a front wheel (12); a rear output shaft (44) that is disposed in a position higher than that of the front output shaft (43) and is coupled to a rear wheel (13); first and second intermediate shafts (41, 42) 10 disposed between the input shaft (40) and the front output shaft (43) ; a first power transmission mechanism for transmitting power from the input shaft 40 to the respective intermediate shafts (41, 42); and a second power transmission mechanism for transmitting power from the second intermediate shaft (42) to the front output shaft (43) and 15 transmitting power from the front output shaft (43) to the rear output shaft (44).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10814/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SEISMIC DAMPING METAL PLATE AND BUILDING STRUCTURE

(51) International classification :E06B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/004001
Filing Date :16/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YOSHIMICHI KAWAI
2)FUMINOBU OZAKI

(57) Abstract :
A energy dissipating metal plate joins a pair of target members and exhibits energy dissipating performance corresponding to a relative displacement between the target members. The energy dissipating metal plate includes: a first joint part to be 5 joined to one of the target members; a second joint part to be joined to other of the target members; and vibration dissipating parts which are provided on a transmission path of tensile force and compression force between the first joint part and the second joint part, and which have slits. Each of the first joint part and the second joint part is formed in a strip shape substantially parallel to a direction of the relative displacement.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10825/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DEVICE AND METHOD FOR METERING A LIQUID INTO THE EXHAUST GAS TRACT OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/20,F01N3/36,F02M59/36
(31) Priority Document No :10 2010 030 343.7
(32) Priority Date :22/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/058114
Filing Date :19/05/2011
(87) International Publication No :WO 2011/160898
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BURGER Matthias

(57) Abstract :
The invention relates to a device and method for metering a liquid in particular a fuel into an exhaust gas tract of an internal combustion engine wherein the device comprises at least one injection valve that can be closed by a closing member and that has cooling circuit for regulating the temperature in the injection valve and wherein a throttle element is connected upstream of the injection valve to control by closed loop or open loop the quantity of a volume flow of the liquid through the injection valve in particular through the cooling circuit of the injection valve wherein the injection valve opens when the throttle element de throttles the volume flow of the liquid to the injection valve.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10826/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PROCESSES FOR PRODUCING DIAMINOBUTANE (DAB) SUCCINIC DINITRILE (SDN) AND SUCCINAMIDE (DAM)

(51) International classification :C07C
(31) Priority Document No :61/346,164
(32) Priority Date :19/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/036755
Filing Date :17/05/2011
(87) International Publication No : NA
(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)DUNUWILA Dilum
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5)ALBIN Brooke A.
6)CLINTON Nye A.
7)DOMBEK Bernard D.

(57) Abstract :
Processes include providing a clarified diammonium succinate (DAS)- or monoammonium succinate (MAS)- containing fermentation broth; distilling the broth of an overhead that includes water and ammonia and a liquid bottoms that includes SA and at least about 20 wt% water; cooling the bottoms to a temperature sufficient to cause the bottoms to separate into a liquid portion in contact with a solid portion that is substantially pure SA; separating the solid portion from the liquid portion; and converting the solid portion to produce nitrogen containing compounds such as diamino butane (DAB) succinic dinitrile (SDN) succinic amino nitrile (SAN) or succinamide (DAM) and downstream products.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10827/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SILICONE POLYIMIDE COMPOSITIONS WITH IMPROVE FLAME RETARDANCE

(51) International classification	:C08G77/455,C08L83/10,C08L79/08
(31) Priority Document No	:12/840802
(32) Priority Date	:21/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/044865
Filing Date	:21/07/2011
(87) International Publication No	:WO 2012/012643
(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)BHANDARI Yashpal
2)GALLUCCI Robert Russell

(57) Abstract :
A flame retardant composition and method for making flame retardant articles. The flame retardant composition can include a silicone polyetherimide an fibrillated polytetrafluoroethylene and a zinc borate. The silicone polyetherimide can be present in an amount of from about 99.6 to about 80.0 percent by weight. The silicone polyetheridmide can have from about 5 to about 50 percent by weight dimethyl siloxane units and less than about 100 ppm amine end groups. The fibrillated polyetrafluoroethylene can be present in an amount of from more than about 1.25 to about 5.0 percent by weight. The fibrillated polyetrafluoroethylene can be encapsulated in a polystyrene a poly(styrene acrylonitrile) a poly(methyl methacrylate) a polycarbonate a polyetherimide a polysulfone and combinations thereof. The zinc borate can be present in an amount of more than 0 to about 10 percent by weight.

No. of Pages : 28 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10828/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : STEEL FOR STEEL PIPE HAVING EXCELLENT SULFIDE STRESS CRACKING RESISTANCE

(51) International classification :C22C38/00,C22C38/28,C22C38/32
(31) Priority Document No :2010131276
(32) Priority Date :08/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/002897
Filing Date :25/05/2011
(87) International Publication No :WO 2011/155140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OMURA Tomohiko
3)MORIMOTO Masayuki
4)TAKAYAMA Toru
5)SOMA Atsushi

(57) Abstract :
Disclosed is steel for a steel pipe which satisfies a plurality of characteristics at the same time. Specifically disclosed is steel for a steel pipe having excellent sulfide stress cracking resistance which contains in mass% 0.2 0.7% of C 0.01 0.8% of Si 0.1 1.5% of Mn 0.005% or less of S 0.03% or less of P 0.0005 0.1% of Al 0.005 0.05% of Ti 0.0004 0.005% of Ca 0.007% or less of N 0.1 1.5% of Cr and 0.2 1.0% of Mo with the balance made up of Fe Mg and impurities. The steel for a steel pipe is characterized in that the Mg content in the steel is 1.0 5.0 ppm (inclusive) and 50% or more of the number of non metallic inclusions which are contained in the steel configured of two or more elements selected from among Ca Al Mg Ti and Nb and two or more elements selected from among O S and N and have a maximum particle diameter of 1 μm or more contains an Mg Al O oxide in the central portion thereof while comprising a Ca Al oxide and/or a Ca Al oxysulfide so as to contain the Mg Al O oxide internally. The steel for a steel pipe is also characterized in that a carbonitride or carbide containing Ti is present on the entire or a part of the outer circumference of the Ca Al oxide and/or the Ca Al oxysulfide.

No. of Pages : 34 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10840/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ELEVATOR SAFETY SYSTEM AND METHOD

(51) International classification :B66B5/00,B66B5/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/048627
Filing Date :13/09/2010
(87) International Publication No :WO 2012/036663
(61) Patent of Addition 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)COSTE Steven D.
4)MAZZAMAURO Robert
5)THEBEAU Ronnie E.
6)WATTERSON Leslie C.
7)HERKEL Peter

(57) Abstract :
An elevator safety system including a controller and a hoistway safety node arranged at a pit portion of an elevator hoistway. The hoistway node is operatively connected to one of a pit safety device and a lower hoistway device arranged at the elevator pit. A first bus links the hoistway node and the controller. The first bus passes communication signals directly from the hoistway node to the controller. A car node is arranged in an elevator car. The car node is operatively connected to a car safety device arranged at the elevator car. A second bus links the car node and the controller. The second bus passes communication signals directly from the car node to the controller.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10843/DELNP/2012 A
(43) Publication Date : 03/10/2014

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

(51) International classification :B01J2/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/058762
Filing Date :24/05/2010
(87) International Publication No :WO 2011/148454
(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)INOUE Takashi
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6)NIIDA Joju
7)TAKEUCHI Hirokazu
8)ITOU Takeshi
9)MIZOGUCHI Yuichiro

(57) Abstract :
A granulating method is a method wherein granules containing components that are soluble in water are granulated. In the disclosed granulating method a dispersing element wherein micro water droplets are dispersed in superheated steam is ejected from a nozzle and thus the dispersing element and granules in a flowing state come into contact with one another. It is preferable that the mass ratio of superheated steam contained in the dispersing element as a mass ratio found from the theoretical flow amount of superheated steam ejected from the nozzle and the actual flow amount of water supplied to the nozzle is set in the range of 20 70 mass%.

No. of Pages : 45 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10844/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : EQUIPMENT FOR TRANSFERRING BIOLOGICAL PRODUCT CONTAINERS WITH ADJUSTABLE INCLINATION OF ITS TRANSLATION AXIS

(51) International classification :B25J9/02,G01N35/00
(31) Priority Document No :MI2010A000852
(32) Priority Date :13/05/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/057198
Filing Date :05/05/2011
(87) International Publication No :WO 2011/141348
(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)PEDRAZZINI Gianandrea

(57) Abstract :
An equipment (1) is described for transferring biological products containers from an interface support (30) to a transport device (40) and vice versa for biological containers positioned at different heights comprising a frame (2) to which a holding device (3) for biological products containers is connected vertically mobile with respect to said frame (2) and provided with fingers (6) suitable to hold transfer and release a container for biological products. Said frame (2) is integer with sliding means (7 18) along a bar (8) fixed to an inclinable body (9) said inclinable body (9) being in its turn rotatingly connected to a sustaining body (10) and regulation means (23 24 26 27) for the inclination of said inclinable body (9) and consequently of said bar (8) with respect to said sustaining body (10) being present in function of the difference of height existing between said interfacing support (30) and said transport device (40) for biological products containers.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10845/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : Tower of a Wind Power Plant and Method for PRODUCING a Tower of a Wind Power Plant

(51) International classification :H01J
(31) Priority Document No :10 2010 030 047.0
(32) Priority Date :14/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059713
Filing Date :10/06/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)B–GL Stefan
2)HIERL Martin
3)KNITL Josef

(57) Abstract :
The invention relates to a method for the production of a tower (1) of a wind power plant wherein at least one tubular tower section (2) is produced from annular precast concrete parts (5) having two horizontal contact surfaces (21) which are arranged on top of one another. After casting the annular precast concrete parts (5) are set up in a processing station (27) in the precast plant and the two horizontal contact surfaces (21) of the precast concrete parts (5) are processed in a fixture in a planparallel material-removing manner. A tower (1) of a wind power plant comprises at least one tubular tower section (2) of annular precast concrete parts (5) having two horizontal contact surfaces (21) which are arranged on top of one another. Both horizontal contact surfaces (21) of the precast concrete parts (5) are reworked in a planparallel material-removing manner with.....

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10829/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : COLD DRAWING METHOD FOR METAL PIPE AND PROCESS FOR PRODUCTION OF METAL PIPE UTILIZING THE METHOD

(51) International classification :B21C9/00,C10M131/04,C10M131/12
(31) Priority Document No :2010135686
(32) Priority Date :15/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/003199
Filing Date :07/06/2011
(87) International Publication No :WO 2011/158464
(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)TOYODA Masatoshi
2)MATSUMOTO Keishi

(57) Abstract :
Disclosed is a method for the cold drawing of a metal pipe which comprises filling a high pressure container having a base pipe inserted thereinto with a lubricant oil increasing the pressure of the lubricant oil by means of a pressure increasing machine and drawing the base pipe while lubricating the inner and outer surfaces of the base pipe forcibly wherein a lubricant oil having a kinematic viscosity of 100 to 2000 mm/s at 40°C and under ambient pressure and a viscosity pressure coefficient of 15 to 24 GPa at 40°C is used as the lubricant oil thereby preventing the burning or vibration which usually occurs during the drawing of the base pipe and also preventing the decrease in roughness degree of the inner surface of the finished metal pipe which is usually caused by the generation of oil pits. In the method it is preferred that the lubricant oil to be used contains one or more extreme pressure additives independently selected from a sulfur containing extreme pressure additive a chlorine containing extreme pressure additive an organic calcium metal salt a phosphorus containing extreme pressure additive an organic zinc containing extreme pressure additive and an organic molybdenum containing extreme pressure additive each containing a specific component in the total amount of 10 mass% or more.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10830/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : GENERATING METHANOL USING ULTRAPURE HIGH PRESSURE HYDROGEN

(51) International classification :C07C
(31) Priority Document No :61/348,027
(32) Priority Date :25/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037948
Filing Date :25/05/2011
(87) International Publication No : NA
(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 :
Methanol is produced (38) using a CO and H2 containing synthesis gas produced from a combined POX (4) plus EHTR (53) or a combined ATR plus EHTR at a pressure of 70bar to lOObar at the correct stoichiometric composition for methanol synthesis so that no feed gas compressor is required for the feed to the methanol synthesis reactor loop.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10831/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR THE AUTOMATIC CONTROL OF MAXIMUM POWER FOR X RAY APPARATUSES AND DEVICE REQUIRED FOR SAME

(51) International classification :H05G1/34,H05G1/46,H05G1/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/ES2010/070624
Filing Date :28/09/2010
(87) International Publication No:WO 2012/042067
(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)D AZ CARMENA Francisco

(57) Abstract :
The aim of the invention is to provide a method for the operation of an x ray apparatus such that maximum power is supplied at all times. For this purpose the supply or input voltage for the x ray tube must be half the voltage of the source ((Vbat)/2) or (Vline)/2) known as reference voltage (Vref). According to the method in the event of a deviation from the reference voltage the current supplied is modified with the exposure time being modified in order for maximum power to be supplied at all times. Specifically the invention is based on a method which controls the current of the tube according to the supply voltage (batteries or grid).

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10832/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A THERMOSYPHON HEAT TRANSFER DEVICE WITH BUBBLE DRIVEN ROTOR

(51) International classification :F28D15/02,F28F13/12,F28F27/00
(31) Priority Document No :1010308.3
(32) Priority Date :18/06/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000928
Filing Date :20/06/2011
(87) International Publication No :WO 2011/158008
(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)READ Matthew Gordon
(72)**Name of Inventor :**
1)HAMMERBECK John Philip Roger
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3)READ Matthew Gordon

(57) Abstract :
The invention relates to a device for transferring heat and a method of controlling such a device the device comprising a stator chamber containing: a liquid; an input heat exchange surface; an output heat exchanger; and a rotor arranged to be rotated by vapour bubbles.

No. of Pages : 65 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10833/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CUTTING INSERT FOR SCREW PROCESSING

(51) International classification :B23G5/02,B23B27/14
(31) Priority Document No :2010138211
(32) Priority Date :17/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063982
Filing Date :17/06/2011
(87) International Publication No :WO 2011/158946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NUNOKAWA Eiichi

(57) Abstract :
Disclosed is a cutting insert which is for low cost screw processing having excellent shape accuracy for the screw being processed. In the disclosed cutting insert for screw processing a plurality of ridge shaped cutting edges are formed as seen from a rake face (2) side in an intersecting ridge section between the rake face (2) formed on an upper surface and a flank face formed on a side surface; the cutting edges are provided with at least one finishing edge (6a) for transferring the shape of a screw and at least one rough edge (6b) formed as a smaller ridge shape than the finishing edge (6a) as seen from the rake face (2) side; a first flank surface (5a) and a second flank surface (5b) which has a larger flank angle than the first flank surface (5a) as seen in the normal direction of the cutting edge are formed on a flank face (4a) of the cutting edge (6a) and are arranged in the following order from the finishing edge (6a): first flank surface (5a) second flank surface (5b).

No. of Pages : 30 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10834/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : THRUST RING FOR UNDERCARRIAGE IN A TRACK TYPE MACHINE

(51) International classification :F16C17/04,F16C33/10
(31) Priority Document No :61/361095
(32) Priority Date :02/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042484
Filing Date :30/06/2011
(87) International Publication No :WO 2012/003252
(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)SNYDER Anthony R.
2)PLOUZEK John M.

(57) Abstract :
A thrust ring (30) for an undercarriage (10) in a track type machine includes an annular body (32) having an outer circular edge (34) and an inner circular edge (36) defining a common center axis. A first set of oil grooves (46) and a first set of thrust faces (48) are positioned in an alternating arrangement on each of a first axial side (40) and a second axial side (44) of the annular body (32). Each of the oil grooves (46 50) includes a cross sectional contour shaped to balance an oil flow property of the thrust ring (30) with a strength property of the thrust ring (30) and defining a non uniform curve which includes a plurality of curve segments each having a different radial attribute. The thrust ring (30) defines a Plouzek value equal to 1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10835/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A METHOD OF AUTOMATICALLY SETTING A WELDING PARAMETER FOR MIG/MAG WELDING AND A CONTROLLER FOR PERFORMING THE METHOD

(51) International classification :B23K9/095
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/058314
Filing Date :14/06/2010
(87) International Publication No :WO 2011/157286
(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)…BERG Per

(57) Abstract :
A method of automatically setting a welding parameter for MIG/MAG welding including the following steps: initiating (S1) a parameter setting welding operation; measuring (S12) a welding voltage and retrieving (S13) a parameter representing a wire feed speed during said parameter setting welding operation; and identifying (S14) a second function mapping said welding current to said welding voltage from said measured welding voltage and said retrieved parameter.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10836/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A CONTAINER ORIENTING HOLDER WITH ROLLER SUPPORTS AND A CONTAINER ORIENTING METHOD

(51) International classification :B65G17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/041293
Filing Date :08/07/2010
(87) International Publication No :WO 2012/005726
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SWANSON John H.

(57) Abstract :
The invention primarily is directed to an orienting holder for a container that is being filled with a product on a container filling line. The container holder (10) has at least two rollers (18) and a base portion (12). The rollers are made of an elastic material which can be an elastomer inclusive of polymeric foams. The rollers are on arms (15 16) that project above the base portion and usually will contact the container (30) at an upper part of the container. The arms which support the rollers can pivot. The elastic material of the rollers provide for a positive gripping of the container on the filling line including a positive grip onto containers which may be partially out of the specified tolerances. The compressibility of the elastic material of the rollers can be enhanced through forming channels (27) in the roller structure.

No. of Pages : 30 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10837/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : HYDROXYPROPYL SUBSTITUTED STARCHES AS SOURCE OF SOLUBLE FIBER

(51) International classification :A23L1/0522,A23L1/308,A23P1/12
(31) Priority Document No :61/359534
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042076
Filing Date :28/06/2011
(87) International Publication No :WO 2012/006041
(61) Patent of Addition 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)BERG Daniel P.
3)SCHWENK Michelle P.
4)HARRIS Donald
5)TURNER Judy
6)XIE Luke

(57) Abstract :
The present invention relates to a food product with high levels of ethanol soluble fiber and total dietary fiber and methods of making the same. In particular the food product contains at least one food ingredient and a modified high hydroxypropyl substituted starch. The modified starch is suitable as a non animal derived gelatin replacement in foods traditionally prepared with gelatin and may also be used in extruded food products.

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10838/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A METHOD OF AUTOMATICALLY SETTING A WELDING PARAMETER FOR MIG/MAG WELDING AND A CONTROLLER FOR PERFORMING THE METHOD

(51) International classification :B23K9/095
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/058312
Filing Date :14/06/2010
(87) International Publication No :WO 2011/157285
(61) Patent of Addition 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)…BERG Per

(57) Abstract :
A method of automatically setting a welding parameter for MIG/MAG welding including the following steps: initiating (S1) a parameter setting welding operation; detecting (S2) a response welding current at a present wire feed speed during said parameter setting welding operation; determining (S4) a first function mapping said response welding current to said set wire feed speed; determining (S7) a desired wire feed speed from said first function and said desired welding current.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10850/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DEVICE FOR RENERATING A HOLLOW PLASTIC PROFILE

(51) International classification :B23B
(31) Priority Document No :10 2010 025 524.6
(32) Priority Date :29/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/060209
Filing Date :20/06/2011
(87) International Publication No : NA
(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)FLORIAN JOHANNES SCHNEIDER

(57) Abstract :
A device for generating a hollow plastic profile, in particular a plastic tube, with an extrusion die with a melt channel encompassing the extrusion axis, an extruder feeding the melt channel with plastic melt and a suction device for the suctioning of air through the interior of the profile contrary to the extrusion direction, wherein the extruder feeds the extrusion die centrally and the suction device comprises a central suction tube arranged within the melt channel, and partial flow suction channels, which are connected in the suctioning direction to the central suction tube and lead out from the interior of the extrusion die.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10853/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR MAKING UV-ABSORBING OPHTHALMIC LENSES

(51) International classification :G06Q
(31) Priority Document No :61/369,107
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044618
Filing Date :20/07/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAMUEL Newton T.
2)PRUITT John Dallas
3)WU Daqing
4)KUYU Selma

(57) Abstract :
Described herein is a cost-effective and time-efficient method for making UV-absorbing contact lenses. In contrast to the conventional method for making UV-absorbing contact lenses which involves copolymerizing a lens forming composition including a UV-absorbing vinylic monomer a method of the invention involves covalent attachment of a UV-absorbing compound having a second reactive functional group to a preformed contact lens having a first reactive functional group therein and/or thereon.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10854/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TOWER COMPRISING AN ADAPTER PIECE AND METHOD FOR PRODUCING A TOWER COMPRISING AN ADAPTER PIECE

(51) International classification :C07C
(31) Priority Document No :10 2010 030 047.0
(32) Priority Date :14/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/057088
Filing Date :04/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)B–GL Stefan
2)HIERL Martin
3)KNITL Josef

(57) Abstract :
The invention relates to a tower (1) comprising a lower tubular tower section (2) made of concrete an upper tubular tower section (3) made of steel and an adapter piece (7) for connecting the two tower sections (2 3). The adapter piece (7) consists of an annular concrete element (8) and a steel element (9) the steel element (9) containing at least one annular flange (9a) that covers preferably entirely a surface of the concrete element (8) said surface being at the top in the installed state. The steel element (9) is directly cast together with the concrete element (8) wherein the annular flange (9a) is completely underpoured essentially without air inclusions. In a method for producing a tower (1) comprising an adapter piece (7) a steel element (9) having an annular flange (9a) is placed head down into an annular formwork in order to produce said adapter piece (7)...

No. of Pages : 24 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10855/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DRY POWDER DRUG DELIVERY SYSTEM AND METHODS

(51) International classification :A61B
(31) Priority Document No :61/357,039
(32) Priority Date :21/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041303
Filing Date :21/06/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ADAMO Benoit
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4)KINSEY P. Spencer
5)OVERFIELD Dennis
6)SAHI Carl
7)BILLINGS Christine
8)MARINO Mark T.

(57) Abstract :
A pulmonary drug delivery system is disclosed including a breath-powered dry powder inhaler and a cartridge for delivering a dry powder formulation. The inhaler and cartridge can be provided with a drug delivery formulation comprising for example a diketopiperazine and an active ingredient including small organic molecules peptides and proteins including insulin and glucagon-like peptide 1 for the treatment of disease and disorders for example endocrine disease such as diabetes and/or obesity.

No. of Pages : 89 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10856/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : WELD BEAD FEATURE COMMUNICATION SYSTEMS AND DEVICES

(51) International classification :H04N
(31) Priority Document No :61/363,038
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043442
Filing Date :08/07/2011
(87) International Publication No : NA
(61) Patent of Addition 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)JOHNSON Jeffrey Dale
4)SCHNEIDER Joseph C.

(57) Abstract :
A welding system including an operator interface having a weld bead feature indicator and a weld parameter adjustment selector is provided. The weld parameter adjustment selector is adapted to receive a desired weld parameter adjustment from an operator. The welding system also includes control circuitry communicatively coupled to the operator interface and adapted to receive data encoding the desired weld parameter adjustment to determine a change in a weld bead feature corresponding to the desired weld parameter adjustment and to control the visual weld bead feature indicator to visually communicate the change in the weld bead feature to the operator.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10815/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR SIMULATING A BODY THAT IS MOVED IN A TRANSLATIONAL OR ROTATIONAL MANNER

(51) International classification :B23B
(31) Priority Document No :A 172/2011
(32) Priority Date :09/02/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/000449
Filing Date :08/11/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WOLFGANG ETTL
3)CHRISTIAN GRITSCH
4)MICHAEL WASTIAN

(57) Abstract :
The invention relates to a method and a device for simulating a body (1) that is moved in a translational or rotational manner. A force that acts on the body (1) or a torque (Mw) that acts on the body (1) is detected, and a reference mass or a reference moment of inertia (Js0ll) is assigned to the body (1). The force or the torque (My) and the reference mass or the reference moment of inertia (JSOll) are used to determine a reference speed (oSOii) for a speed control which controls an actual speed (gist) using a control transmission function (G(s)), and the reference speed (us011) is determined by means of a transmission element (9) using a transmission function (P(s)) that is reciprocally proportional to the control transmission function (G(s)).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10816/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MULTILAYER MATERIAL SEALING MATERIAL FOR SOLAR CELL INTERLAYER FOR SAFETY (LAMINATED) GLASS SOLAR CELL MODULE AND SAFETY (LAMINATED) GLASS

(51) International classification :G06Q
(31) Priority Document No :2010-111366
(32) Priority Date :13/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061002
Filing Date :12/05/2011
(87) International Publication No : NA
(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)YOSHITAKA HIRONAKA

(57) Abstract :
The present invention provides a multilayer material which has a layer (A) that contains a silane coupling agent and an ethylene type zinc ionomer , and a layer (B) that contains at least one of an ethylene type magnesium ionomer or an ethylene type sodium ionomer. The multilayer material is suitable for use as an encapsulant for a solar cell or an interlayer for safety (laminated) glass. It is preferable that the multilayer material contains at least two of the layer (A) and at least one of the layer (B) and has a multilayered structure in which the layer (B) is interposed between the two of the layer (A).

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10820/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : HOT-STAMP-MOLDED ARTICLE PROCESS FOR PRODUCTION OF STEEL SHEET FOR HOT STAMPING AND PROCESS FOR PRODUCTION OF HOT-STAMP-MOLDED ARTICLE

(51) International classification :B63C
(31) Priority Document No :2010-135217
(32) Priority Date :14/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063561
Filing Date :14/06/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A hot-stamped steel according to the present invention includes, by mass%, C: 0.20% to 0.35%, Si: 0.1% to 0.5%, the total of at least one selected from Mn and Cr: 1% 5 to 3%, Al: 0.005% to 0.06%, Ti: 0.002% to 0.1%, Nb: 0.002% to 0.1%, 0: 0.003% to 0.007%, and a balance of iron and inevitable impurities, wherein P is limited to 0.015% or less, S is limited to 0.01% or less, N is limited to 0.004% or less, the dimensional ratio of the lengths of prior austenite grains in a rolling direction to the lengths of the prior austenite grains in the sheet thickness direction is 1.3 to 2.5, the average grain size of the 10 prior austenite grains is 6 μm or less, the microstructure includes 98% or more of martensite, and the tensile strength is 1470 MPa or more.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10821/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND 3D RECEIVER FOR MEASURING A VECTOR OF MECHANICAL OSCILLATIONS

(51) International classification :G06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2010/000253
Filing Date :20/05/2010
(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

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(57) Abstract :
The method and the 3d detector for measuring a vector of mechanical oscillations. The invention relates to the field of measurement technology and particularly to measurement of parameters of mechanical oscillations over a wide frequency band. The proposed method for detection and conversion of a vector of mechanical oscillations is realized using a 3D detector in the form of an equilateral trihedral pyramid with the faces isoclinic to the pyramid base at specified angles cp, and that detachable detection units (oscillation dipoles) are located in the center of each face at a specified point of its symmetry axis, which makes it possible to align spatially, physically and electrically the information on the vector components and reliably measure the vector of mechanical oscillations. The invention can be used for measurement of wave parameters of mechanical oscillations of various objects in construction, machine building, acoustics, etc.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10863/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SECTIONAL METAL PALLET FORMED FROM CORRIGATED METAL TUBES

(51) International classification :B65D19/24,B21D9/05,B65D19/28
(31) Priority Document No :61/357736
(32) Priority Date :23/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050372
Filing Date :20/06/2011
(87) International Publication No :WO 2011/160224
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)STRIZKI Thomas Charles

(57) Abstract :
The invention relates to a pallet made up of plural hollow sections of generally rectangular transverse profile formed from metal tubes the sections having upper walls facing in the same direction and being secured together in side by side and/or end to end array to constitute a load bearing platform. The lower wall of each section may have a longitudinal central rib projecting toward the upper wall for additional strength. The tubes can be hollow transversely corrugated cylinders of metal such as aluminum used as cores for winding strip material. A method of making the pallet includes the steps of deforming plural metal tubes with generally radially directed pressure to produce the pallet sections and securing the sections together.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012

(21) Application No.10864/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : AN INSULATED FLUID DUCT

(51) International classification :F16L59/065
(31) Priority Document No :1010303.4
(32) Priority Date :18/06/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051140
Filing Date :17/06/2011
(87) International Publication No :WO 2011/158043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MILLER Jeremy
2)VIVIAN Tom
3)ROSAGRO Joe

(57) Abstract :
A duct section (2) comprises inner and outer pipes (4 6) which define a space (8) between them. The space (8) is evacuated to insulate the inner pipe (4). The inner (pipe 4) comprises first and second inner pipe portions (14 16) of which the first pipe (portion 4) includes a bellows (26) to accommodate differential expansion between the inner pipe (4) and the outer pipe (6). The inner pipe (4) is supported within the outer pipe (6) by support elements (34) which are secured to the inner pipe (4) and slidable with respect to the outer pipe (6). The support elements also support a radiation screen (54).

No. of Pages : 24 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10865/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CRYSTALLINE FORMS OF THALIDOMIDE AND PROCESSES FOR THEIR PREPARATION

(51) International classification :C07D401/04,A61K31/454,A61P29/00
(31) Priority Document No :1758/MUM/2010
(32) Priority Date :09/06/2010
(33) Name of priority country :India
(86) International Application No :PCT/GB2011/051078
Filing Date :09/06/2011
(87) International Publication No :WO 2011/154739
(61) Patent of Addition 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)GORE Vinayak Govind
2)SHUKLA Vinay Kumar
3)PATIL Madhukar
4)MEKDE Sandeep

(57) Abstract :
The present invention relates to crystalline forms of thalidomide having a high polymorphic purity and to processes for their preparation. The present invention also relates to pharmaceutical preparations comprising the crystalline forms for the treatment of patients suffering from autoimmune inflammatory or angiogenic disorders.

No. of Pages : 51 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10866/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FOOD COMPOSITIONS COMPRISING TAILORED OILS

(51) International classification :A23D9/00,C11B5/00
(31) Priority Document No :61/349774
(32) Priority Date :28/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038464
Filing Date :27/05/2011
(87) International Publication No :WO 2011/150411
(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)FRANKLIN Scott
2)SOMANCHI Aravind
3)WEE Janice
4)RUDENKO George
5)MOSELEY Jeffrey L
6)RAKITSKY Walt

(57) Abstract :
Methods and compositions for the production of food compositions oils fuels oleochemicals and other compounds in recombinant microorganisms are provided including oil bearing microorganisms and methods of low cost cultivation of such microorganisms. Microalgal cells containing exogenous genes encoding for example a lipase a sucrose transporter a sucrose invertase a fructokinase a polysaccharide degrading enzyme a keto acyl ACP synthase enzyme a fatty acyl ACP thioesterase a fatty acyl CoA/aldehyde reductase a fatty acyl CoA reductase a fatty aldehyde reductase a fatty aldehyde decarbonylase and/or an acyl carrier protein are useful in manufacturing food compositions and transportation fuels such as renewable diesel biodiesel and renewable jet fuel as well as oleochemicals such as functional fluids surfactants soaps and lubricants.

No. of Pages : 412 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10867/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR OPERATING CONTROL EQUIPMENT OF A RESONANCE CIRCUIT AND CONTROL EQUIPMENT

(51) International classification :H02M3/335
(31) Priority Document No :10 2010 030 328.3
(32) Priority Date :22/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059967
Filing Date :15/06/2011
(87) International Publication No :WO 2011/160993
(61) Patent of Addition 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)KUEHNER Jochen

(57) Abstract :
The invention relates to a method for operating control equipment (1) of a resonance circuit (2) wherein the control equipment (1) comprises at least two circuit elements (8 9) connected in series in particular each comprising a recovery diode (13 14) connected in parallel between which a connection (6) of the resonance circuit (2) is connected. According to the invention the circuit elements (8 9) are actuated as a function of the voltage detected at the connection (6). The invention further relates to control equipment (1) of a resonance circuit (2).

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10822/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ELECTROCHEMICAL CELL WITH STEPPED SCAFFOLD FUEL ANODE

(51) International classification :H01M12/06,H01M12/08
(31) Priority Document No :61/358339
(32) Priority Date :24/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041748
Filing Date :24/06/2011
(87) International Publication No :WO 2011/163553
(61) Patent of Addition 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)KRISHNAN Ramkumar
2)FRIESEN Grant
3)FRIESEN Cody A.

(57) Abstract :
An electrochemical cell includes a fuel electrode configured to operate as an anode to oxidize a fuel when connected to a load and configured to operate as a cathode when connected to a power supply. The fuel electrode comprises a plurality of scaffolded electrode bodies wherein the scaffolded electrode bodies are of varying size. The electrode bodies are of a larger size at positions distal from a charging electrode configured to act as an anode when connected to the power supply and of a smaller size at positions proximal to the charging electrode. When connected to a load the scaffolded electrode bodies containing fuel electrode acts as the electrochemical cell anode and electrodeposited fuel is oxidized.

No. of Pages : 57 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10823/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DISSEMINATION OF INFORMATION BETWEEN ROUTERS

(51) International classification :H04L12/56
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/059391
Filing Date :01/07/2010
(87) International Publication No :WO 2012/000557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ENYEDI Gabor Sandor
3)KINI Sriganesh

(57) Abstract :
There is provided a method for use by a first processing unit in or to be installed in a router. The first processing unit is configured or responsible for routing (or forwarding) packets to and from other routers. There may be other such first processing units in or installed in the router. In a first step (S1) information is received at the first processing unit which requires dissemination to other routers. The information also requires processing to determine what if any reconfiguration of the routing (forwarding) performed by the first processing unit is required. I n a second step (S2 b) the information is forwarded in a packet to other routers as required according to the routing (forwarding) configuration for the first processing unit. In a third step (S2c) the information is forwarded to at least one other first processing unit in the router (if there are any other first processing units in the router) not already in receipt of the information. If an expedited dissemination procedure is required the second and third steps (S2b S2c) are performed before the processing (to determine what if any reconfiguration is required) has been performed (completed) and/or before the first processing unit has been informed of the result of such processing and/or before any reconfiguration required in the first processing unit has been requested arranged or performed (completed).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10824/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INJECTION AND METERING DEVICE

(51) International classification :F01N3/20
(31) Priority Document No :10 2010 030 162.0
(32) Priority Date :16/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/057885
Filing Date :16/05/2011
(87) International Publication No :WO 2011/157502
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LOESCH Stefan

(57) Abstract :
The invention relates to an injection and dosing device (1) in particular for injecting a fluid into an exhaust tract of a combustion engine comprising a compression and injection space (14) which is designed to receive the fluid to be injected and has at least one injection opening (22); a movable pressure element (4) which is designed such that the pressure in the compression and injection space (14) can be varied by moving the pressure element (4) between an intake position in which the pressure in the compression and injection space (14) is at a minimum and an injection position in which the pressure in the compression and injection space (14) is at a maximum; and a closing element (10) which can be moved between a closing position in which said element closes the injection opening (22) and an open position in which said element exposes the injection opening (22). The pressure element (4) and the closing element (10) are coupled via at least two mechanisms of action that are independent of each other and each of the independent mechanisms of action is capable on its own of having the effect that a movement of the pressure element (4) from the intake position into the pressure position results in a movement of the closing element (10) from the closing position into an open position.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10938/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FITTING PART FOR A VEHCILE INTERIOR COMPRISING A LIGHTING SURFACE

(51) International classification :F04B
(31) Priority Document No :10 2010 023 247.5
(32) Priority Date :09/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/002824
Filing Date :09/06/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WOLFGANG MUELLER
2)FRANK PILGER

(57) Abstract :
A fitting part (1) for the interior of a vehicle, comprising a luminous surface (11, 13, 15) which 5 consists of a molded body (5) on which a light conductor (7) which is provided with a cover layer (6) is arranged, characterized in that the molded body has, at least in sections of the edge region (9) thereof, an indentation (5.1) which holds the 10 light source (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10940/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : LUBRICATING OIL COMPOSITION

(51) International classification :C07C
(31) Priority Document No :2010-109287
(32) Priority Date :11/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/060733
Filing Date :10/05/2011
(87) International Publication No : NA
(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)YURIKO IIMURA
4)YASUSHI TOHI
5)MICHIO TORIUMI
6)JUNICHI YOSHIZONO

(57) Abstract :
A lubricating oil composition comprises the following (i) to (iii), has a kinematic viscosity at 40°C of not less than 30 mm 2/s but not more than 750 mm2/s and contains boron atoms in an amount of not less 5 than 5 ppmbut not more than 75 ppm; (i) 90tol0%bymassofa (co)polymer having a kinematic viscosity at 100°C of not more than 45 mm 2/s and having an acid value of less than 0.1 mgKOH/g, not less than 60% by mol of its constituent units being derived from 1-decene, (ii) 5 to 85% by mass of a (co)polymer having a kinematic viscosity at 100°C 10 of not less than 35 mm2/s but not more than 1,500 mm2/s and having a molecular weight distribution of not more than 1.8, not less than 90% by mot of its constituent units being derived from 1-octene, and 5 to 15% by mass of a fatty acid ester, with the proviso that the total amount of (i) to (iii) is 1.00% by mass.

No. of Pages : 110 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10941/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : HYDRAULIC EXCAVATOR

(51) International classification :B44B
(31) Priority Document No :2011-135230
(32) Priority Date :17/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063249
Filing Date :24/05/2012
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided is a wiring structure for a harness that facilitates work when the cab mount is replaced. The hydraulic excavator (1) comprises a lower travel body (2), an 5 upper swivel body (3), a harness (50), and a bracket (52). The upper swivel body (3) has a cab (5) and a plurality of electrical components. A harness (50) is drawn out from the cab (5) interior and connected to the electrical components. A bracket (52) is secured to the cab (5) and used for 10 supporting the harness (50) along the cab side surface (5b). The harness (50) is supported about the periphery of the bracket (52), and has a first portion downwardly drawn out from the bottom surface of the cab (5), a second portion extending outward from a side surface of the cab (5) and 15 forward from the first portion along the bottom surface of the cab (5), a third portion extending upward from the second portion along the side surface of the cab (5), and a fourth portion extending toward the rear of the vehicle from the third portion along the side surface of the cab (5).

No. of Pages : 34 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10858/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SIMULATION DEVICE AND PROGRAM FOR SAME

(51) International classification :G06Q50/00,G06F19/00
(31) Priority Document No :2010137597
(32) Priority Date :16/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063998
Filing Date :14/06/2011
(87) International Publication No :WO 2011/158952
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Disclosed are a simulation device and a program for the same which make it possible to simulate whether the world is changing in a good direction or is changing in a bad direction by assessing the news. The impact relationship and degree of impact among a multitude of items representing change factors relating to nature and change factors due to human activity are created as a database and stored. In addition current assessment values of good/bad are stored for each item as a database. News and items related to the news are distributed to a user terminal (UC) from a server device (SB). A user inputs an assessment value of good/bad with respect to the impact of the distributed news on the related items. The input user assessment value is transmitted to the server device (SB) and the current assessment values for the items having changed assessment values are updated from the impact relationship among the multitude of items and the degree of impact thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10860/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MULTI-FUEL INTERNAL COMBUSTION ENGINE AND CONTROL METHOD THEREFOR

(51) International classification :B60S
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/053291
Filing Date :16/02/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
In a multi-fuel internal combustion engine using both CNG and light oil good operating performance and good emissions are able to be maintained even in cases where a change of required engine load is large. The engine is provided with a supply amount decision means that carries out supply amount decision processing to decide an amount of supply of the CNG and an amount of supply of the light oil according to the required engine load which is an engine load required by a driver a fuel supply means that supplies the CNG and the light oil in the amounts of supply decided by the supply amount decision means to the internal ...

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10862/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INTRAGASTRIC DEVICE FOR TREATING OBESITY

(51) International classification :A61M29/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/038444
Filing Date :13/06/2010
(87) International Publication No :WO 2011/159271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHARMA Virender K.

(57) Abstract :
The present invention is directed toward an intragastric device used to treat obesity that includes a wire mesh structure capable of changing from a compressed pre deployment shape to an expanded post deployment shape with a greatly increased volume. The post deployment shape contains a light weight at the top and a heavier weight at the bottom to ensure proper positioning within the stomach. In the post deployment shape the device contains larger spaces in the upper portion and smaller spaces in the lower portion to sequester food and delay gastric emptying. Alternatively the device can be enveloped by a membrane containing larger holes at the top and smaller holes at the bottom to sequester food and delay gastric emptying. The device has a dynamic weight where the weight of the device in the pre feeding stage is less than the weight of the device in feeding or post feeding stage.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10846/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : AMPHIPHILIC POLYSILOXANE PREPOLYMERS AND USES THEREOF

(51) International classification :C08F
(31) Priority Document No :61/369,109
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045809
Filing Date :29/07/2011
(87) International Publication No : NA
(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)HUANG Jinyu
4)MEDINA Arturo N.
5)SMITH Dawn A.
6)SANDERS Laura Ann
7)PRUITT John Dallas

(57) Abstract :
The present invention provides an amphiphilic polysiloxane prepolymer which comprises hydrophilic monomeric units derived from at least one hydrophilic vinylic monomer polysiloxane crosslinking units derived from at least one polysiloxane crosslinker having at least two terminal ethylenically-unsaturated groups dangling polysiloxane chains each of which is terminated with one ethylenically unsaturated group and chain-transfer units derived from a chain transfer agent other than a RAFT agent. A prepolymer of the invention is suitable for making hydrogel contact lenses. The present invention is also related to hydrogel contact lenses made from an amphiphilic polysiloxane prepolymer of the invention and to processes for preparing an amphiphilic polysiloxane prepolymer of the invention and for making silicone hydrogel contact lenses.

No. of Pages : 62 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10847/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SILICONE HYDROGEL LENSES WITH WATER-RICH SURFACES

(51) International classification :C08F
(31) Priority Document No :61/369,102
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045808
Filing Date :29/07/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PRUITT John Dallas
3)THEKVELI Sibichen
4)TUCKER Robert Carey
5)NELSON Jared

(57) Abstract :
The invention is related to a hydrated silicone hydrogel contact lens having a layered structural configuration: a low water content silicone hydrogel core (or bulk material) completely covered with a layer of a water-rich (e.g. a water content greater than 80%) hydrogel totally or substantially free of silicone. A hydrated silicone hydrogel contact lens of the invention possesses high oxygen permeability for maintaining the corneal health and a soft water-rich lubricious surface for wearing comfort.

No. of Pages : 105 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10848/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INTEGRATED VASCULAR DELIVERY SYSTEM WITH SAFETY NEEDLE

(51) International classification :A61B
(31) Priority Document No :61/346,292
(32) Priority Date :19/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037230
Filing Date :19/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Steven B. WHITE
3)Elyse KEMMERER
4)Nathan FARRELL
5)Henry J.H. BROWN
6)Ronald D. DUIS

(57) Abstract :
An integrated vascular delivery system and safety needle including: a frame having a catheter hub providing a first anchoring point and that receives a catheter that transfers fluid at an insertion site and a stabilization hub providing a second anchoring point; a fluidic channel coupled to the catheter; a housing; a needle insertable through the frame; and a sheath telescopically engaged with the housing. The sheath couples to the frame such that needle removal from the frame transitions the sheath from a retracted position in which the sheath exposes the needle to an extended position in which the sheath surrounds the needle. The frame operates in a folded configuration in which each hub couples to the housing and/or sheath and in an unfolded configuration in which the first and second anchoring points are distributed around the insertion site to anchor the frame to the patient thereby stabilizing the catheter.

No. of Pages : 140 No. of Claims : 105

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10849/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INNOVATIVE DISCOVERY OF THERAPEUTIC DIAGNOSTIC AND ANTIBODY COMPOSITIONS RELATED TO PROTEIN FRAGMENTS OF GLUTAMINYL-TRNA SYNTHETASES

(51) International classification :C12N
(31) Priority Document No :61/349,140
(32) Priority Date :27/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038240
Filing Date :26/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)MENDLEIN John D

(57) Abstract :
Provided are compositions comprising newly identified protein fragments of aminoacyl-tRNA synthetases polynucleotides that encode them and complements thereof related agents and methods of use thereof in diagnostic drug discovery research and therapeutic applications.

No. of Pages : 309 No. of Claims : 125

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10721/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR DETECTING MOISTURE IN PLASTIC MATERIAL AND SYSTEM FOR REMOVING MOISTURE FROM PLASTIC MATERIAL

(51) International classification :G01N21/35,F26B9/06,F26B25/00
(31) Priority Document No :2010226249
(32) Priority Date :06/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072935
Filing Date :05/10/2011
(87) International Publication No :WO 2012/046756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ADACHI Yukimasa

(57) Abstract :
To provide: a method for detecting moisture in a plastic material which can measure the moisture content in a plastic material accurately and rapidly; and a system for removing moisture from a plastic material. [Solution] A plastic material (13) of which the moisture containing state is clearly found is irradiated with an electromagnetic wave of a band of 50 1000 GHz by means of an oscillation unit (11) and a residue of the residual electromagnetic wave which is not absorbed by the plastic material (13) is received and measured by means of a receiver (12) thereby acquiring a first measurement value in advance. The plastic material (13) of which the moisture containing state is not found clearly is irradiated with an electromagnetic wave of the above mentioned band by means of the oscillation unit a residue of the electromagnetic wave which is not absorbed by the plastic material (13) is received and measured by means of the receiver (12) thereby acquiring a second measurement value. The first measurement value and the second measurement value are compared with each other and the moisture containing state of the plastic material of which the moisture containing state is not found clearly is calculated on the basis of the result of the comparison.

No. of Pages : 55 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10722/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PLUG IN CONNECTOR AND A PLUG IN MODULE SYSTEM

(51) International classification :H01R13/436,H01R13/432,H01R13/627
(31) Priority Document No :10 2010 029 192.7
(32) Priority Date :20/05/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/057659
Filing Date :12/05/2011
(87) International Publication No :WO 2011/144514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HECKER Ralf
3)KETTELER Alfons
4)LIETZ Dieter

(57) Abstract :
The invention relates to a plug in connector (1) and a plug in module system having a first contact casing (10) with a first receptacle (14) and a second contact casing (7) with a second receptacle (8) the first receptacle (14) being designed to receive a socket contact (12) and the second receptacle (8) being designed to receive a plug contact (13) the first receptacle (14) and the second receptacle (8) being formed identically.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012
(21) Application No.10723/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : HIGH TEMPERATURE INSULATING TAPE AND WIRE OR CABLE SHEATHED THEREWITH

(51) International classification :B32B27/08,H01B3/00,H01B7/02
(31) Priority Document No :1008268.3
(32) Priority Date :18/05/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050942
Filing Date :18/05/2011
(87) International Publication No :WO 2011/144933
(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)HAMMOND Philip
2)PAGLIUCA Antonio

(57) Abstract :
A composite insulating tape (20) comprises a laminate or co extrusion of at least two layers including an insulating first layer (24) of a polymer matrix in which mica particles are dispersed and a second layer (26) of a polymer containing aromatic and/or heterocyclic rings and having a melting point of at least 350°C and a glass transition temperature of at least 150°C. The tape can be used to form a multilayer coating on a conductor (10) such as an electric wire. An outer protective layer (28) of a fluoropolymer such as PTFE may be applied around the wrapped tape by wrapping or extrusion.

No. of Pages : 13 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10762/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : USE OF INDUCIBLE PROMOTERS IN THE PRODUCTION OF GLYCOLIC ACID

(51) International classification :C12P7/42
(31) Priority Document No :10305635.4
(32) Priority Date :15/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/059884
Filing Date :15/06/2011
(87) International Publication No :WO 2011/157728
(61) Patent of Addition 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)DISCHERT Wanda
2)FIGGE Rainer
3)SOUCAILLE Philippe

(57) Abstract :
The present invention relates to use of inducible promoters in the production of glycolic acid by fermentation. The present invention concerns a method for the production of glycolic acid in a fermentative process comprising the following steps: culturing a modified microorganism in an appropriate culture medium comprising a source of carbon modulating in said microorganism the expression of a target gene with an external stimulus and recovering glycolic acid from the culture medium wherein in said modified microorganism the expression of at least one gene involved in glycolic acid production is under the control of a heterologous inducible promoter whose activity is modulated with said external stimulus. The invention also concerned the modified microorganism used in the method of glycolic acid production.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10839/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DEVICE FOR COUPLING A GUIDE ELEMENT SECURED TO AT LEAST ONE CABLE SHEATH IN A SUPPORT MOUNT

(51) International classification :F16C1/26,F16H61/36
(31) Priority Document No :1054795
(32) Priority Date :17/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051303
Filing Date :09/06/2011
(87) International Publication No :WO 2011/157925
(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)PRADIER Philippe
2)DHELFT Jr´me
3)DESGRAZ Julien

(57) Abstract :
The guide element (1) has two opposed hooks (1a) and (1b) in alignment one (1a) of which is intended to be positioned angularly so as to bear and butt in a recess (2a) formed in the support mount (2) while the other hook (1b) is designed to bear on an elastic member (4) belonging to said mount (2) so as to trigger the pivoting movement of a tilting latch (5) which engages with said other hook (1b) under a tilting effect of said guide element (1) that corresponds to a position of coupling with the support mount (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10868/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TEST METHOD FOR A HUMIDITY SENSOR AND SENSOR MODULE THEREFOR

(51) International classification :G01N33/00
(31) Priority Document No :102010030338.0
(32) Priority Date :22/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/058118
Filing Date :19/05/2011
(87) International Publication No :WO 2011/160899
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHNEIDER Norbert
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4)WOLF Christian
5)KONZELMANN Uwe
6)BRUECKNER Joerg
7)DRESSLER Wolfgang
8)MOTZ Stefan

(57) Abstract :
The invention relates to a method for operating a sensor module (100) which has a humidity sensor (110) for determining the relative atmospheric humidity at least a first measured value for the relative atmospheric humidity being determined (200) by means of the humidity sensor (110). According to the invention an ambient temperature in the area of the humidity sensor (110) is varied (210) by means of a temperature control device (120) following the change (210) of the ambient temperature in the area of the humidity sensor (110) at least one second measured value for the relative humidity is determined by means of the humidity sensor (110) and depending on the first and second measured values conclusions are drawn as to an operating state and/or proper operation of the humidity sensor (110).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10871/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : COMPACTED PATCH ANTENNA

(51) International classification :H01Q1/32,H01Q9/04
(31) Priority Document No :MI2010A000914
(32) Priority Date :21/05/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/058253
Filing Date :20/05/2011
(87) International Publication No :WO 2011/144735
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOIRAGHI Luca
3)MOIRAGHI Paolo

(57) Abstract :
A compacted patch antenna is described particularly for installation in a vehicle comprising an electrically supplied strip radiating element (1) and a ground plane (3) The strip radiating element is connected to the ground plane at a first end (11) by means of a metal link and at a second end (12) opposite to the first end by means of a variable capacitor (5). The compacted patch antenna comprises a printed circuit (2) the bottom surface of which is integral with the ground plane (3) a dielectric material layer (6) arranged between the strip radiating element (1) and the printed circuit (2); the strip radiating element (1) is substantially parallel to the ground mass (3). The dielectric material layer has a relative dielectric constant ranging between 3 to 6 with a loss factor ranging between 0.03 to 0.1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012
(21) Application No.10872/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DOSE SELECTION OF ADJUVANTED SYNTHETIC NANOCARRIERS

(51) International classification :A61K47/00
(31) Priority Document No :61/348713
(32) Priority Date :26/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038210
Filing Date :26/05/2011
(87) International Publication No :WO 2011/150258
(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)ILYINSKII Petr
2)LIPFORD Grayson B.
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(57) Abstract :
Disclosed are synthetic nanocarrier compositions with coupled adjuvant compositions as well as related methods.

No. of Pages : 74 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10807/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CONNECTOR OF ENDOSCOPE

(51) International classification :A61B
(31) Priority Document No :2010-238691
(32) Priority Date :25/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/074024
Filing Date :19/10/2011
(87) International Publication No : NA
(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)OKADA Takeshi

(57) Abstract :
A connector (43) of an endoscope (12) is arranged at an end portion (41b) of a universal cord (41) and attachable to/detachable from a receptacle unit (14) having an opening portion (14a). The connector (43) includes a connector grip portion (45) which is gripped and a connector main body portion (49) which is integral with the other end portion (45b) of the connector grip portion (45) at the one end portion (49a) and is pushed into the opening portion (14a). A central axis (49c) of the connector main body portion (49) is offset with respect to a central axis (45c) of the connector grip portion (45) in a planar direction of the connector main body portion (49).

No. of Pages : 42 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10808/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TRANSFLECTIVE TYPE LIQUID CRYSTAL DISPLAY DEVICE SUBSTRATE COLOR FILTER SUBSTRATE AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :H04N
(31) Priority Document No :2010-139672
(32) Priority Date :18/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/062812
Filing Date :03/06/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Mie Shimizu
3)Kenzo Fukuyoshi
4)Takao Taguchi

(57) Abstract :
The invention minimizes a disclination of a transflective type liquid crystal display device. The device includes a transparent substrate (1a) a black matrix (2) dividing rectangular pixels a transparent electroconductive film (3) a resin layer (4) having a concave region at an each pixel center and a cell gap adjusting layer (5) formed partially above the resin layer and forming convex regions above the black matrix. The pixels are formed symmetrically to a center and have a transmission region (T) and a reflection region (R) in an order that from a position near the center. In the transmission region the resin layer is laminated above the transparent electroconductive film. In the reflection region the resin layer and the cell gap adjusting layer are laminated above the transparent electroconductive film.

No. of Pages : 129 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012
(21) Application No.10809/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A CONTINUOUSLY VARIABLE TORQUE TRANSMISSION DEVICE

(51) International classification :B60T
(31) Priority Document No :2010120105
(32) Priority Date :20/05/2010
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2011/000339
Filing Date :19/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KHONIN Viktor Alexandrovich

(57) Abstract :
The continuously variable torque transmission device relates to the field of mechanical engineering. The device comprises a mobile mechanism of flexible brakes for gears that functions as a regulating unit having a base located on guides rigidly secured to a housing. The shafts of two spur wheels are secured in the base said spur wheels being engaged with each other and one of said spur wheels contacting the most mobile spur wheel which engages with a wheel seated on a countershaft. The shafts of these wheels are connected to each other by mobile intermediate plates. The other spur wheel contacts the other most mobile spur wheel which engages with a wheel seated on a drive shaft. The shafts of these pairs of wheels are connected to each other by mobile intermediate plates. The shafts of the mobile wheels are connected to each other by tension springs...

No. of Pages : 11 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012

(21) Application No.10755/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : BENZAMIDE DERIVATIVES AND THEIR USE AS HSP90 INHIBITORS

(51) International classification	:C07D207/09,C07D209/44,C07D211/26
(31) Priority Document No	:1009853.1
(32) Priority Date	:11/06/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/000879
Filing Date	:10/06/2011
(87) International Publication No	:WO 2011/154708
(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)PATEL Sanjay Ratilal
4)MOFFAT David Festus Charles

(57) Abstract :
The invention provides a compound which is (a) a phenylamide derivative of formula (I) or a tautomer thereof or (b) a pharmaceutically acceptable salt N oxide hydrate prodrug or solvate thereof: wherein R R R R R R and R are as defined herein. The compounds are useful in the treatment of diseases mediated by HSP90.

No. of Pages : 145 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10756/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ORAL FORMULATIONS OF BIPOLAR TRANS CAROTENOIDS

(51) International classification	:A23D9/00,A01N43/04,A61K31/715
(31) Priority Document No	:61/350804
(32) Priority Date	:02/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/000997
Filing Date	:02/06/2011
(87) International Publication No	:WO 2011/152869
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MURRAY Robert

(57) Abstract :
The subject invention relates to a variety of formulations of bipolar trans.carotenoids including pharmaceutical compositions for oral delivery of a bipolar trans carotenoid comprising i) a bipolar trans carotenoid ii) a cyclodextrin and iii) a coating. The invention also relates to preparation of such formulations and their uses.

No. of Pages : 38 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012
(21) Application No.10779/DELNP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TRANSMISSION FOR WORK VEHICLE

(51) International classification :B23B
(31) Priority Document No :2011-187416
(32) Priority Date :30/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060938
Filing Date :24/04/2012
(87) International Publication No : NA
(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)YOSHITO KOMATSU

(57) Abstract :
In a work vehicle for executing a V-shape work, clutch capacity is increased and clutch enhancement is minimized for a forward/rearward travelling switching clutch. The present transmission includes an 5 input shaft (40), an output shaft (43, 44) and an intermediate shaft (41, 42), a power transmission mechanism and a control unit (60) for switching a power transmission path. The power transmission mechanism includes a forward travelling lower speed clutch (FL), a forward travelling higher speed clutch (FH), a rearward travelling clutch (R) 10 and a plurality of speed stage switching clutches (Cl to C3). The control unit (60) is configured to: switch a gear state into a shiftable rearward travelling gear stage by turning off either the forward travelling lower speed clutch (FL) or the forward travelling higher speed clutch (FH) and by turning on the rearward travelling clutch 15 (R) in executing an operation of switching from forward travelling to rearward travelling; and switch a gear stage into a shiftable forward travelling gear stage by turning off the rearward travelling clutch (R) and turning on the forward travelling lower speed clutch (FL) in executing an operation of switching from rearward travelling to forward 20 travelling.

No. of Pages : 52 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013
(21) Application No.1661/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PILLOW HAVING A PLURALITY OF POLYGONAL UNITS

(51) International classification :A47G9/10,A61F5/00
(31) Priority Document No :10-2011-0052030
(32) Priority Date :31/05/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/003778
Filing Date :15/05/2012
(87) International Publication No :WO 2012/165776
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a pillow having a plurality of polygonal units which is deformed only at portions contacting the human body while dispersing the load of a head to stably support the cervical vertebral and the occipital region. To this end the pillow according to the present invention includes: a bottom dead point part (12) which is sewed in a state where the ends at one edge of a plurality of triangular pentahedron units (1) each being filled with the stuffing (P) of the pillow accord with each other; an upper dead point part (13) which is sewed in a state where the ends at one edge of a pair of triangular pentahedron units disposed on an intermediate portion of the plurality of triangular pentahedron units (1) are connected thereto; and a normal sleeping pillow (10) including a cervical vertebral support part (11) in which one surface of one triangular pentahedron unit (1) protrudes forward in a wedge shape from a bottom part (14) and an occipital region support part (15) in which one side inclined square hexahedral unit (2) in which the stuffing (P) of the pillow is filled through a rear side of a triangular pentahedron unit (1) and one one side inclined surface (2a) is inclined downward and backward and the other one side inclined square hexahedral unit (2) in which a square hexahedral unit (3) and the one side inclined surface (2a) are inclined downward and forward are horizontally connected to each other.

No. of Pages : 45 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2013
(21) Application No.1814/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SHOPPING TROLLEY

(51) International classification :B62B3/14
(31) Priority Document No :20 2011 003 780.0
(32) Priority Date :10/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/000238
Filing Date :06/03/2012
(87) International Publication No :WO 2012/119592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)EBERLEIN Martin

(57) Abstract :
The invention relates to a shopping trolley (1) which is stackable with similar trolleys comprising a chassis (2) a container (18) for holding goods which is connected to the chassis (2) and a pushing device (20) disposed at the rear wherein the chassis (2) has two curved longitudinal supports (3) leading from the rear face to the front face of the shopping trolley (1). A fastening means (11) for fastening a castor (16 17) is provided at each end on the front and rear end sections of the longitudinal supports (4 4) which are connected to one another by respective intermediate portions (4). Furthermore the longitudinal supports (3) are disposed conically such that the track width of the rear castors (17) is greater than the track width of the front castors (16) the two longitudinal supports (3) extend upwards and forwards from the rear end section (4) thereof and then falling forwards towards the front end section (4) extend further such that at least the intermediate section (4) of each longitudinal support (3) belongs to one of two geometrical planes (25) which extend upwards from the plane of travel (26) of the castors (16 17). The invention is characterised in that the front end sections (4) are led out of the planes (25) and extend either forwards and parallel to the direction of pushing of the shopping trolley (1) or in opposite directions obliquely forwards and outwards or are directed outwards transversely with respect to the direction of pushing of the shopping trolley (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013
(21) Application No.2040/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : COMB POLYMERS AS DISPERSANTS FOR ALKALINE ACTIVATED BINDERS

(51) International classification :C08F216/14,C08F220/06,C08F222/06
(31) Priority Document No :11170375.7
(32) Priority Date :17/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/061411
Filing Date :15/06/2012
(87) International Publication No :WO 2012/172040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SULSER Ueli
3)EBERHARDT Arnd
4)FLATT Robert

(57) Abstract :
The invention relates to the use of a comb polymer KP as a dispersant in a binder composition comprising an alkaline activating agent, wherein the activating agent is intended especially for activation of a latently hydraulic and/or puzzolanic binder, and wherein the comb polymer KP has a polymer backbone formed from a plurality of backbone monomers and a plurality of polymeric side chains each formed from a plurality of side chain monomers and bonded thereto, and wherein at least some of the backbone monomers have one or more ionizable groups, and features a structure constant K of the comb polymer KP, defined as K=[(N-1)z]2/nP915N3/5x 105, at least equal to 70, where n is the average number of side chains per comb polymer molecule, N is the average number of backbone monomers per side chain and P is the average number of side chain monomers per side chain, and z is the average number of ionizable groups per side chain-free backbone monomer.

No. of Pages : 49 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013
(21) Application No.2044/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF LURASIDONE

(51) International classification :A61K9/16,A61K9/20,A61K31/496
(31) Priority Document No :1477/MUM/2011
(32) Priority Date :13/05/2011
(33) Name of priority country :India
(86) International Application No :PCT/IN2012/000015
Filing Date :05/01/2012
(87) International Publication No :WO 2012/156981
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TREHAN Aman
3)PATEL Pankaj Ramanbhai

(57) Abstract :
The present invention relates to pharmaceutical compositions of lurasidone or salts thereof. In particular the invention relates to pharmaceutical compositions of lurasidone or salts thereof with one or more water insoluble pharmaceutical excipients. The invention also relates to processes for the preparation of such compositions and use thereof for treatment of schizophrenia bipolar disorders or senile dementia.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013
(21) Application No.2045/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : HYBRID POWERTRAIN AND METHOD FOR CONTROLLING A HYBRID POWERTRAIN

(51) International classification	:B60K 6/04,B60W 10/02
(31) Priority Document No	:PCT/SE2006/000314
(32) Priority Date	:09/03/2006
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2007/000229
Filing Date	:09/03/2007
(87) International Publication No	:WO2007/102776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1877/MUMNP/2008
Filed on	:01/09/2008

(71)**Name of Applicant :**
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1)CARLHAMMAR, LARS
2)KARLSSON, SVANTE
3)PANAGOPOULOS, HELENE

(57) Abstract :
There is provided a hybrid powertrain (300) including: - a combustion engine (310); - an electric machine arrangement (360); - a gearbox (500) operable to receive motive power from at least one of the combustion engine (310) and the electric machine arrangement (360) for providing motive power to a load (530) of the powertrain (300); and - the powertrain (300) is configurable in operation so that its combustion engine (310) is switchable between an inactive state and an active state, the combustion engine (310) requiring to be cranked to switch it from its inactive state to its active state. Application of cranking torque to the combustion engine (310) is controlled in operation to substantially temporally coincide with a gear change in the gearbox (500).

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013
(21) Application No.2046/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TOOTHBRUSH

(51) International classification :A46B7/00,A46B9/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/KR2011/003429
Filing Date :09/05/2011
(87) International Publication No :WO 2012/153878
(61) Patent of Addition to Application Number :NA
Filing 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 Pal Hyung

(57) Abstract :
The present invention relates to a toothbrush characterized by forming a hole (3) perforated in an up down direction on a header (2) of a toothbrush (1) wherein the hole (3) has placed therein a plate (5) having a brush (4) implanted thereon and the plate (5) is fixed on top of an elastic member (6) fixed on the edge of the bottom surface portion of the header (2) so as to enable an elastic movement in up down left right directions and as the plate having the brush implanted thereon elastically moves up down left and right on the header according to the shape of the teeth the contact area between the teeth and the brush increases and the friction thereof increases thereby maximizing the tooth brushing effect and minimizes the abrasion of the teeth and the damage of the periodontal tissues due to tooth brushing by adjusting the pressure exerted excessively on the teeth by a toothbrush user and by enabling an easier use of bass tooth brushing technique which is helpful to patients with periodontal diseases aids the user in achieving cleanliness of gum and health of periodontal tissues and oral hygiene at the same time.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013
(21) Application No.2047/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SOCKS FOR MAN MADE BY CIRCULAR KNITTING MACHINE FOR SOCKS WITH NEEDLES ON THE DIAL

(51) International classification :D04B1/10,D04B1/26,D04B9/06
(31) Priority Document No :BS2011A000096
(32) Priority Date :29/06/2011
(33) Name of priority country :Italy
(86) International Application No:PCT/IB2012/052852
Filing Date :06/06/2012
(87) International Publication No :WO 2013/001387
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LONATI Ettore
2)LONATI Fausto
3)LONATI Tiberio

(57) Abstract :
The present invention relates to men s socks (10 20 30) made entirely on a circular knitting machine for socks with needles on the dial of the links links type with a cut yarn central motif of the ribbed type with cut yarn central motif and of the interrupted and resumed ribbed type with or without cut yarn central motif.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2013
(21) Application No.1835/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : RISPERIDONE SUSTAINED RELEASE MICROSPHERE COMPOSITION

(51) International classification :A61K9/16,A61K31/519,A61K47/34
(31) Priority Document No :201110102840.5
(32) Priority Date :25/04/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/000473
Filing Date :10/04/2012
(87) International Publication No :WO 2012/146052
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIANG Rongcai
3)WANG Qilin
4)WANG Wenyan
5)LIU Wanhui
6)LI Youxin

(57) Abstract :
A risperidone sustained release microsphere formulation is provided. The microsphere formulation comprise risperidone or 9 hydroxy risperidone or salts thereof and a polymer blend having a first uncapped lactide glycolide copolymer and a second uncapped lactide glycolide copolymer in which the first uncapped lactide glycolide copolymer is a copolymer with a high intrinsic viscosity and the second uncapped lactide glycolide copolymer is a copolymer with a low intrinsic viscosity. The sustained release microsphere formulation according to an embodiment of the present disclosure is suitable for large scale industrialized production with improved stability tthe in vivo release behavior of which will not change after long term storage.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2013
(21) Application No.1836/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : APPARATUS FOR DETECTING END PORTION POSITION OF STRIP LIKE BODY AND METHOD FOR DETECTING END PORTION POSITION OF STRIP LIKE BODY

(51) International classification :G01B11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/066596
Filing Date :21/07/2011
(87) International Publication No :WO 2013/011586
(61) Patent of Addition 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)KON Yoshiaki
3)KUBOTA Toshiharu

(57) Abstract :
This apparatus for detecting an end portion position of a strip like body obtains positions of both the ends of a travelling strip like body said ends being in the width direction of the strip like body and heights of both the ends of the strip like body. An end portion position detecting apparatus (100) is composed of: a first light source (110) which radiates light to a strip like body (2000) from below the strip like body; a second light source (120) which radiates linear light in the vertical direction to the surface of the strip like body from above the strip like body; an image pickup apparatus (130) which picks up an image of a surface of the strip like body; and an end portion position calculating apparatus (140) which calculates positions of strip like body end portions in the width direction of the strip like body and positions of the strip like body end portions in the height direction of the strip like body on the basis of an image obtained by means of the light emitted from the first light source (110) and an image obtained by means of reflected light from the second light source (120).

No. of Pages : 44 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2058/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A PRESSURE REGULATOR DEVICE

(51) International classification :D03D47/30,G05D16/20
(31) Priority Document No :BE 2011/0355
(32) Priority Date :15/06/2011
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP2012/060727
Filing Date :06/06/2012
(87) International Publication No :WO 2012/171842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PEETERS Jozef

(57) Abstract :
A pressure regulator device (17) for an airjet weaving machine comprising a pilot controlled first pressure regulator (2) wherein the pressure regulator device (17) comprises a second pressure regulator (3) for regulating the settable pilot pressure of the pilot controlled first pressure regulator (2). An air supply system with such a pressure regulator device (17) arranged between a compressed air source (5) and a buffer tank (8).

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.2059/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : NETWORK ACCESS CONTROL SYSTEM AND METHOD

(51) International classification	:H04L29/06,G06F21/00,G06F17/30
(31) Priority Document No	:1108068.6
(32) Priority Date	:16/05/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2012/051074
Filing Date	:15/05/2012
(87) International Publication No	:WO 2012/156720
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :
A system comprises a client (10) that can place a network site (18) access request to a network access server (14). Sometime prior to placing the request the client has already accessed the network access server (14) to set up a network access profile relating to personal choices and has accessed a trusted site (16) to select one or more options to provide a trusted site profile. When the client (10) places a request client data is provided along with the request whereby the client is automatically recognized by the network access server (14). The network access server upon recognition of the client passes the client data to the trusted site (16) the trusted site (16) uses the client data to retrieve the client s (10) trusted site profile and the trusted site (16) transfers the trusted site profile to the network access server (14). A combining engine in the network access server (14) then combines the trusted site profile with the network access profile and a filtering engine applies the combined profiles to permit or forbid the network site (18) request to be fulfilled.

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

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

(21) Application No.1976/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ANTENNA SYSTEM AND USES THEREOF

(51) International classification	:B82Y20/00,G02F1/29,H01Q13/08
(31) Priority Document No	:61/481758
(32) Priority Date	:03/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2012/050157
Filing Date	:03/05/2012
(87) International Publication No	:WO 2012/150599
(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)SCHEUER Jacob

(57) Abstract :
An antenna system is disclosed. The system comprises a first end fire antenna element and a second end fire antenna element facing each other in a planar arrangement the antenna elements being configured such as to cause destructive interference between individual end fire radiations of the elements while maintaining constructive interference generally perpendicular to the planar arrangement.

No. of Pages : 40 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013
(21) Application No.2054/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METALLIC POWDER PRODUCTION METHOD AND METALLIC POWDER PRODUCTION DEVICE

(51) International classification :B22F9/08,B22F9/02
(31) Priority Document No :2011-110904
(32) Priority Date :18/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062736
Filing Date :18/05/2012
(87) International Publication No :WO 2012/157733
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention provides a metallic powder production method and a metallic powder production device by which reductions in device size and cost can be achieved and spherical metallic powder can be obtained. In the present invention a supply means (11) supplies a downward flow (1) of a molten metal and a plurality of jet burners (12) each emit a flame jet (12a) to the downward flow (1) of the molten metal supplied from the supply means (11). The jet burners (12) are provided so as to emit the flame jet (12a) to the downward flow (1) at the same angle from positions rotationally symmetric with respect to the downward flow (1) of the molten metal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2055/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TEA BEVERAGE AND PRODUCTION METHOD THEREFOR

(51) International classification :A23F3/16
(31) Priority Document No :201110115712.4
(32) Priority Date :29/04/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/074064
Filing Date :16/04/2012
(87) International Publication No :WO 2012/146134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)XUE Lian

(57) Abstract :
Disclosed is a tea beverage and production method therefor. The tea beverage comprises tea reverse osmosis water which is deoxidized and deionized and a food antioxidant and the oxygen content in the freshly packaged tea beverage is ≤ 1 mg/L.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2056/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHODS AND APPARATUSES FOR MANAGING SIMULTANEOUS UNICAST AND MULTICAST/BROADCAST SERVICES IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W76/00
(31) Priority Document No :61/481064
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035430
Filing Date :27/04/2012
(87) International Publication No :WO 2012/149300
(61) Patent of Addition 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)GAAL Peter
3)GARAVAGLIA Andrea
4)WANG Jun
5)WALKER Gordon Kent

(57) Abstract :
Techniques are provided for managing simultaneous unicast and multicast/broadcast services. For example there is provided a method operable by a user equipment (UE) or the like that involves transmitting upon initial connection with a wireless communication system a first message indicating one or more capabilities of the UE. The method may further involve transmitting a second message indicating that the UE is receiving or is about to receive a multicast/broadcast service. The method may also involve receiving as a result of the second message data scheduled in accordance with one or more predetermined rules.

No. of Pages : 57 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.2057/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ELECTROMAGNETIC SENSOR AND CALIBRATION THEREOF

(51) International classification	:G01N27/72,G01N33/20,G01R33/00
(31) Priority Document No	:1107064.6
(32) Priority Date	:27/04/2011
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2012/050930
Filing Date	:27/04/2012
(87) International Publication No	:WO 2012/146930
(61) Patent of Addition 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)YIN Wuliang
3)DICKINSON Stephen John

(57) Abstract :
Embodiments of the present invention provide an electromagnetic sensor (400) for detecting a microstructure of a metal target comprising: a magnetic device (410 420) for providing an excitation magnetic field; a magnetometer (430) for detecting a resultant magnetic field induced in a metal target; and a calibration circuit (450 551 552 553 554) for generating a calibration magnetic field for calibrating the electromagnetic sensor wherein the calibration reference magnetic field is generated by an electrical current induced in the calibration circuit by the excitation magnetic field.

No. of Pages : 33 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2013
(21) Application No.1837/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ANTENNA APPARATUS AND COMMUNICATION APPARATUS

(51) International classification :H01Q1/24,G06K17/00,G06K19/07
(31) Priority Document No :2011075494
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057614
Filing Date :23/03/2012
(87) International Publication No :WO 2012/133232
(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)SAITO Norio
4)SUGITA Satoru

(57) Abstract :
Provided is an antenna apparatus which can achieve excellent communication characteristics while reducing the size of a housing of an electronic apparatus when incorporated in the electronic apparatus. In an antenna module (1a) which is incorporated in a cell phone (130) and performs communication by receiving a magnetic field transmitted from a reader/writer (120) an antenna coil (11a) is provided in a space (132) between an end portion (133b) of a metal plate (133a) facing the reader/writer (120) in a housing (131) of the cell phone (130) and an inner circumferential wall (131a) of the housing (131) said antenna coil being wound not to surround the outer circumferential portion of the metal plate (133a) and being inductively coupled with the reader/writer (120).

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2063/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR PRODUCING INJECTABLE FORMULATIONS OF BLOOD DERIVED PROTEIN MATERIALS AND MATERIALS OBTAINED USING SAID METHOD

(51) International classification :C07K1/14,C07K16/18,C07K14/76
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CR2011/000001
Filing Date :08/04/2011
(87) International Publication No :WO 2012/136172
(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)LEON MONTERO Guillermo
4)VILLALTA ARRIETA Mauren
5)HERRERA VEGA Mara
6)ANGULO UGALDE Yamileth

(57) Abstract :
The invention relates to a method for producing injectable pharmaceutical formulations of blood derived protein materials including the steps of fractioning the source material in a polymersalt aqueous two phasesystem in the presence of phenol purifying the top phase of the system by means of precipitation with caprylic acid and purifying the bottom phase by means of thermocoagulation increasing the purity of the materials in both phases through chromatography removing viral particles by means of the nanofiltration of both preparations and formulating stabilizing and packaging the resulting materials.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2064/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CABLE CONNECTION STRUCTURE FOR MOVABLE MEMBER

(51) International classification :E05B65/20,E05B1/00
(31) Priority Document No :2011107014
(32) Priority Date :12/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057640
Filing Date :23/03/2012
(87) International Publication No :WO 2012/153572
(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)KUDOH Shuichi
2)ICHIKAWA Shinji
3)YOSHIDA Ryuichi

(57) Abstract :
In the present invention in a cable connection structure in which a roughly spherical cable end (2) disposed at the tip of an inner wire (1) is connected to a movable member (6) the movable member (6) is provided with a pair of wing pieces (7) that hold the inner wire (1) a cable insertion opening (8) that guides the cable end (2) to a space between the wing pieces (7) and a roughly elliptical cable end passage section (9) that displaceably supports the cable end (2). The long axis of the roughly elliptical shape of the cable end passage section (9) roughly coincides with the direction of insertion of the cable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2065/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TISSUE DISRUPTION DEVICE AND CORRESPONDING METHODS

(51) International classification :A61B17/32,A61B17/29,A61B17/16
(31) Priority Document No :61/485140
(32) Priority Date :12/05/2011
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/IB2012/052406
Filing Date :14/05/2012
(87) International Publication No :WO 2012/153319
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SIEGAL Tzony
2)LOEBL Oded
3)TOUBIA Didier

(57) Abstract :
A tissue disruption device (10) for deployment via a rigid conduit (100) includes a rotary tissue disruptor (12) insertable along the conduit with its axis of rotation (14) parallel to the direction of conduit elongation (16). An angular displacement mechanism allows selective displacement of the rotary tissue disruptor (12) such that the axis of rotation (14) sweeps through a range of angular motion. A rotary drive is linked to the rotary tissue disruptor so as to drive the rotary tissue disruptor in rotary motion while the rotary tissue disruptor is at a range of angular positions within the range of angular motion.

No. of Pages : 44 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013
(21) Application No.1995/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ADVERTISING SUPPORT FOR SPORTS AND SIMILAR EVENTS AND METHOD FOR PRODUCING AN ADVERTISING SUPPORT

(51) International classification :G09F15/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/ES2011/070352
Filing Date :17/05/2011
(87) International Publication No :WO 2012/156543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MORA VERA Felipe

(57) Abstract :
The support comprises a frame (1) with the general shape of a U with two uprights (11 12) and a crossmember (13) plus a printed sheet (2) secured to the frame; the frame comprises a solid core (14) and a tubular sleeve (15) covering the core which comprises at least a natural or synthetic rubber. The support is prevented from being bent over by the wind or in the event of high temperatures or from being deformed; damage is also avoided in the event of an impact against the support. The production method comprises providing a perforated fabric or mesh (2) roller printing thereof curing thereof in an oven at a temperature of at least 100°C to obtain a highly flexible high strength material and printing or painting the required advertising motifs thereon.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2067/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : VERIFICATION METHOD AND SYSTEM FOR SCREENING INTERNET CALLER ID SPOOFS AND MALICIOUS PHONE CALLS

(51) International classification :H04M3/42
(31) Priority Document No :61/483801
(32) Priority Date :09/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036922
Filing Date :08/05/2012
(87) International Publication No :WO 2012/154730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LIN Chung Yu

(57) Abstract :
A verification system for screening internet caller ID spoofs and malicious phone calls includes a server a register interface a capturing interface a searching and comparing software a searching database a caller ID database of failed verification telephone numbers and marking indication software. The searching database stores a telephone number of caller ID and configured data of telephone number of every internet user. The searching and comparing software compares the telephone number of caller ID and configured data of caller ID included in the internet calling signal with a corresponding telephone number and configured data of the telephone number stored in the searching database. The marking indication software sends a verified result of the comparison with a corresponding indication signal to a target receiving callee so that the callee can easily take suitable measures to prevent becoming the victim of telephone fraud.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2068/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : POWER GENERATION AND CHARGING DEVICE FOR CONTINUOUS RUNNING OF ELECTRIC AUTOMOBILE

(51) International classification :B60K7/00,B60L11/00,H02J7/14
(31) Priority Document No :201110129720.4
(32) Priority Date :09/05/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/074795
Filing Date :27/04/2012
(87) International Publication No :WO 2012/152192
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HAN Wenji

(57) Abstract :
A power generation and charging device for continuous running of an electric automobile comprises generators (2) a charger (13) and a storage battery (4). The generators (2) are disk generators and are arranged on rims (3) of wheels (1). The power generation and charging device is provided with the storage battery (4) as same as a vehicle mounted power supply and current leading out wires of the generators (2) are connected with the storage battery (4) through the charger (13) and a circuit converter (14). The original storage battery (15) of the electric automobile is connected with an automobile power supply binding post (16) through the circuit converter (14). Through the power generation and charging device a replaced power supply is provided when the electric quantity of the vehicle mounted power supply of the electric automobile is insufficient and the continuous running mileage of the electric automobile is greatly increased.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013
(21) Application No.1849/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : USE OF METAL SALT OF 2 MERCAPTOBENZOTHIAZOLE

(51) International classification :A01N43/78,A01P3/00,A01P1/00
(31) Priority Document No :201210293110.2
(32) Priority Date :16/08/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/077600
Filing Date :20/06/2013
(87) International Publication No :WO 2014/026504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)WANG Yifeng
7)ZHANG Chuanqing
8)ZHU Guonian
9)DAI Jinguai
10)YING Xiaofeng

(57) Abstract :
The present invention relates to use of a metal salt of 2 mercaptobenzothiazole. In particular the present invention provides a fungicide for controlling diseases of crops characterized in that the fungicide comprises the metal salt of 2 mercaptobenzothiazole shown as the following formula (I) and a carrier for a pesticide wherein: M is Zn Mn Fe Sn or Al; n is 2 3 or 4. The fungicide shows very high biological activity against most bacteria has excellent inhibitory effect on fungi as well and is an ideal drug for integrated control of diseases of crops.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013
(21) Application No.2073/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FAULT CURRENT LIMITER SYSTEM WITH CURRENT SPLITTING DEVICE

(51) International classification :H02H9/02
(31) Priority Document No :61/475976
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033182
Filing Date :12/04/2012
(87) International Publication No :WO 2012/142201
(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)TEKLETSADIK Kasegn D

(57) Abstract :
A fault current limiter system including a fault current limiter and a variable shunt current splitting device. The current splitting device includes first and second conductive windings wherein the first conductive winding is electrically connected in parallel with the fault current limiter and is configured to carry current in a first direction. The second conductive winding is electrically connected in series with the fault current limiter and is configured to carry current in a second direction opposite to the first direction so that the reactance of the first winding is negated by the reactance of the second winding during steady state operation of the fault current limiter system. Thus a first portion of a steady state current is conveyed through the fault current limiter and a second portion of the current is conveyed through the current splitting device. The steady state current load on the fault current limiter is thereby reduced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013
(21) Application No.2074/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FLUX CORED ARC WELDING SYSTEM WITH HIGH DEPOSITION RATE AND WELD WITH ROBUST IMPACT TOUGHNESS

(51) International classification :B23K9/12,B23K9/133,B23K9/173
(31) Priority Document No :13/104952
(32) Priority Date :10/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000899
Filing Date :10/05/2012
(87) International Publication No :WO 2012/153177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NARAYANAN Badri K.
3)JOHANSSON Sev

(57) Abstract :
An are welding system (100) includes a wire feeding mechanism (140) for delivering welding wire (152, 154) to a welding operation, and a welding power supply (120) for generating a current for welding to the welding wire (152, 154). The welding wire (152, 154) includes at least two distinct types of welding electrodes.

No. of Pages : 18 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013
(21) Application No.2075/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : WELDING HELMET CONFIGURATION PROVIDING REAL TIME FUME EXPOSURE WARNING CAPABILITY

(51) International classification :A61F9/06,B23K9/095,B23K9/32
(31) Priority Document No :13/106525
(32) Priority Date :12/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000921
Filing Date :11/05/2012
(87) International Publication No :WO 2012/153184
(61) Patent of Addition 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)DUNBAR Douglas N.

(57) Abstract :
Welding helmets systems and kits providing real time fume exposure monitoring and warning capability during an arc welding process. A welding helmet (100) configured to protect the head of a user during a welding process is configured with an intelligent warning apparatus (120) and an air sampling pick up and output port. The air sampling pick up and output port connects to a proximal end of an air sampling tube for sampling breathable air within the welding helmet and a distal end of the air sampling tube connects to an air sampling in take port of an external aerosol monitoring device. The intelligent warning apparatus communicates with the aerosol monitoring device to receive air sample output data from the aerosol monitoring device and to process the air sample output data to generate warning data and/or warning signals based on preset exposure level set points and/or exposure warning operating modes.

No. of Pages : 25 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013
(21) Application No.1304/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DEVICE AND METHOD FOR CAPACITIVELY MEASURING A FILL LEVEL

(51) International classification :G01F23/26
(31) Priority Document No :10 2011 003 158.8
(32) Priority Date :26/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/072259
Filing Date :09/12/2011
(87) International Publication No :WO 2012/100873
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WERNET Armin
3)UPPENKAMP Kaj

(57) Abstract :
The invention relates to a device for capacitively determining and/or monitoring at least the fill level of a medium (4) in a container (3) comprising a probe unit (1) with at least one probe electrode (11) and comprising an electronic unit (2) which applies an electric transmission signal to at least the probe electrode (11) and which receives an electric response signal from the probe unit (1) and analyses said response signal. The invention also relates to a corresponding method. The invention is characterized in that the electronic unit (2) applies a transmission signal to the probe electrode (11) at least intermittently using a frequency search said transmission signal having a plurality of successive discrete frequencies which lie within a specifiable frequency band. The electronic unit (2) ascertains a measuring frequency that is optimal for current use parameters using the frequency search and the electronic unit (2) determines the fill level from the response signal of the optimal measuring frequency.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2013
(21) Application No.2250/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR OBTAINING USING FREQUENCY OF APPLICATION PROGRAM

(51) International classification :G06F11/34
(31) Priority Document No :201110296513.8
(32) Priority Date :27/09/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/081150
Filing Date :07/09/2012
(87) International Publication No :WO 2013/044725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
The invention relates to a method or a device for obtaining a using frequency of a specified application program. The method comprises: obtaining an installing route of the specified application program according to a system registering information list; calling an API to monitor operation of the specified application program; recording a last start up time and the installing route of the specified application program; obtaining the last start up time of the specified application program based on the installing route as an index; comparing the last start up time and a current time to determine the using frequency of the specified application program. The present invention can intercept the process start functions of the Operation System to easily and efficiently obtain the using frequency of the specified application program easily manage the application program installed in the computer and provide the base for optimizing the Operation System of the computer.

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2013

(21) Application No.64/MUM/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CREATING AND MAINTAINING UNIQUE DATA REPOSITORY

(51) International classification	:G06F17/30, G06F21/60
(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

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4)AIMA, GARIMA

(57) Abstract :
In accordance with the disclosure, there is provided a system and method for creating and maintaining unique data repository comprising a matching process based on a set of predefined matching conditions and thereon performing an action type corresponding to the outcome of matching process. The present disclosure provides for real time data de-duplication and updation of unique data repository to obtain a unified view of unique and matching records.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013
(21) Application No.2048/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PEST RESISTANT PLANTS

(51) International classification :C12N9/88,C12N15/60,C12N15/82
(31) Priority Document No :61/491339
(32) Priority Date :31/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/NL2012/050382
Filing Date :31/05/2012
(87) International Publication No :WO 2012/165961
(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)BLEEKER Petronella Martina

(57) Abstract :
The disclosure provides an isolated nucleic acid molecule encoding a 7 epizingiberene synthase a chimeric gene comprising said nucleic acid molecule vectors comprising the same as well as isolated 7 epizingiberene synthase proteins themselves. In addition transgenic plants and plant cells comprising a gene encoding a 7 epizingiberene synthase optionally integrated in its genome and methods for making such plants and cells are provided. Especially Solanaceae plants and plant parts (seeds fruit leaves etc.) with enhanced insect pest resistance are provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013

(21) Application No.2049/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ANIMAL TRAINING OR ANIMAL GAME DEVICE

(51) International classification :A01K15/02
(31) Priority Document No :a 2011 06673
(32) Priority Date :27/05/2011
(33) Name of priority country :Ukraine
(86) International Application No :PCT/UA2012/000046
Filing Date :25/04/2012
(87) International Publication No :WO 2012/166078
(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)SYNYTSYA Yuriy

(57) Abstract :
The invention (hereinafter device) belongs to devices for animal education or training and may be used for game recreational or recovery exercises with animal predominantly with dog and also for animal therapeutic exercises. In the animal training or animal game device having the frame in the form of torus ring of ethylene vinyl acetate the ratio of the torus ring cross section d diameter to the frame torus ring greater D diameter is defined by the ratio: d=0.1...0.2D. The invention allows to improve the performance of game recreational and recovery exercises with animal predominantly with dog and also of therapeutic exercises by means of training or game intensity increase higher use safety for man and animal and also simplification of the device making and use.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013
(21) Application No.2069/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SILICON BREAST IMPLANT WHICH MINIMIZES STRESS CONCENTRATION AND METHOD FOR MANUFACTURING SAME

(51) International classification :A61F2/12,B29D22/04,A61L27/14
(31) Priority Document No :1020110061273
(32) Priority Date :23/06/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/003582
Filing Date :08/05/2012
(87) International Publication No :WO 2012/176982
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a silicon breast implant which minimizes stress concentration and to a method for manufacturing same. The silicon breast implant minimizes stress concentration applied thereto after being inserted into the human body so as to maximize the resistance of same to fatigue induced rupture thereby improving the durability of the implant. Further the breast implant may include an elegant patch adhesion portion having a thin thickness so as to provide superior overall tactile feel and improve the appearance of the product. Further the breast implant has a silicon shell defining an outer wall thereof and the patch adhesion portion for closing from the outside a hole formed in a bottom surface of the silicon shell so that the patch adhesion portion is increased in strength so as to maximize adhesion durability safety of use and effectiveness. The silicon shell has an overall uniform thickness and the patch adhesion portion comprises a patch hole through which a patch adheres to a lower end of the silicon shell using an adhesive material. The patch adhesion portion in which the patch adheres to the patch hole has the same thickness as the silicon shell. Further the breast implant may have physical properties equal or similar to those of the silicon shell so as to minimize stress concentration.

No. of Pages : 69 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2013
(21) Application No.66/MUM/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : GAN BASED HIGH ELECTRON MOBILITY TRANSISTOR FOR READ/WRITE MEMORY WITH GD SCHOTTKY CONTACT

(51) International classification	:H01L29/778, H01L21/47
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DIPANKAR SAHA
2)SWAROOP GANGULY
3)PRASHANT SINGHAL

(57) Abstract :
The present invention discloses a non-volatile memory device using AlGaN/GaN high electron mobility transistor (HEMT). AlGaN/GaN HEMTs are fabricated and characterized with Gd as the Schottky gate. A capacitance-voltage hysteresis is observed, which is found to be reproducible across devices processed and measured under various conditions. The hysteretic nature of the characteristics gives rise to a voltage dependent capacitance window. Deep level traps due to Gd may be potentially responsible for the observed characteristics, he capacitance window is found to remain the same for a very long period of time. AlGaN/GaN high electron mobility transistors (HEMTs) with Gd/AlGaN Schottky contact as the gate translate the capacitance window to an equivalent change in drain to source current, which can be used as a memory device.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.2051/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FOLDABLE ARTICULATED ARM

(51) International classification :A45B19/10,A45B25/02,A45B15/00
(31) Priority Document No :MI2011A000938
(32) Priority Date :25/05/2011
(33) Name of priority country:Italy
(86) International Application No :PCT/IB2012/052612
Filing Date :24/05/2012
(87) International Publication No :WO 2012/160537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VENTURI Federico
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(72)**Name of Inventor :**
1)VENTURI Federico

(57) Abstract :
It is described a foldable articulated arm (1) comprising a first rod shaped element (2) a second rod shaped element (3) and a third rod shaped element (4) foldable one another and at least three stretching element of the rod shaped elements arranged to form a system of four bar linkages further comprising a plurality of joint elements (8) of the rod shaped elements and the stretching elements and having at the opposite ends retaining means (9) for a respective combining with a tube and an umbrella sheet wherein the rod shaped elements the joint elements the stretching elements and the retaining means are all made integral in a single piece of plastic material constituting the foldable articulated arm.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013
(21) Application No.2052/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR THE APPLICATION OF OPTICAL FIBRES IN MOLDABLE MATERIALS AND MATERIALS THUS OBTAINED

(51) International classification :B28B23/00,G02B26/00,G09F9/305
(31) Priority Document No :105674
(32) Priority Date :06/05/2011
(33) Name of priority country :Portugal
(86) International Application No :PCT/PT2012/000017
Filing Date :26/04/2012
(87) International Publication No :WO 2012/154069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JESUS DE SEQUEIRA SERRA NUNES Angela Maria

(57) Abstract :
The present invention relates to a method for the application of optical fibres in cold moldable materials such as concrete or other cementitious materials produced from other binders such as plaster wherein optical fibre beams are embedded in such a way as to distribute the fibres according to a preset network mesh aimed at obtaining the desired pixelization effect in specific targeted areas. The invention also relates to pixelized materials which are obtained according to the method of the present invention.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013
(21) Application No.2053/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ACCESSING THIRD PARTY APPLICATIONS BASED ON CLOUD PLATFORM

(51) International classification :H04L29/08,H04L29/06
(31) Priority Document No :201110086337.5
(32) Priority Date :07/04/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/070840
Filing Date :02/02/2012
(87) International Publication No :WO 2012/136083
(61) Patent of Addition to 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 Yang

(57) Abstract :
A system and a method for visiting a third party application through a cloud platform are disclosed. The method includes: receiving a cloud platform account and cloud platform password information inputted by a user; searching a stored binding information mapping table according to a third party application selected by the user to obtain the third party application and obtain access information not comprising cleartext password corresponding to the cloud platform account information, and transmitting the access information to the third party application server; and receiving authentication succeed information returned by the third party application server. According to the present disclosure, complexity of users operations may be reduced when the user logs on frequently and security level of the user for visiting the third party application may be improved.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2013
(21) Application No.1296/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : WIRELESSS ENERGY SOURCES FOR INTEGRATED CIRCUITS

(51) International classification :H02J17/00,H02J7/02
(31) Priority Document No :61/428055
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067258
Filing Date :23/12/2011
(87) International Publication No :WO 2012/092209
(61) Patent of Addition 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)WHITWORTH Adam
2)NILAY Jani

(57) Abstract :
A system comprising a control device and a wireless energy source electrically coupled to the control device is disclosed. The wireless energy source comprises an energy harvester to receive energy at an input thereof in one form and to convert the energy into a voltage potential difference to energize the control device. Also disclosed, is the system further comprising a partial power source. Also disclosed, is the system further comprising a power source.

No. of Pages : 71 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2013
(21) Application No.57/MUM/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR CASHLESS AND CARDLESS TRANSACTIONS

(51) International classification	:G06Q20/00, G06Q20/40
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)AGASHE, MANDAR

(57) Abstract :
The computer implemented system and method for facilitating cardless and cashless transaction includes a customer interface device cooperating with a transaction server and an One-Time-Password (OTP) generating means which enables the customer to generate and receive a time bound OTP in the first vine. In the second vine, the customer communicates the OTP received in the first vine to the merchant and/or merchant interface device, wherein the merchant interface device is enabled to transmit the OTP to the authorizing interface. Further, the authorizing interface transmits the OTP to the transaction server cooperating with a database vault for validating the transaction and completing the transaction successfully.

No. of Pages : 41 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2060/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHODS AND APPARATUS FOR THE PRODUCTION OF FUEL

(51) International classification :C10G3/00
(31) Priority Document No :1105945.8
(32) Priority Date :08/04/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/000311
Filing Date :04/04/2012
(87) International Publication No :WO 2012/136955
(61) Patent of Addition 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)WIRTZ Ulrich
2)HORNUNG Andreas

(57) Abstract :
The present invention relates to a reaction method and apparatus suitable for producing fuel by reaction of bio oil with oil and/or melt. The present inventors have found that where bio oil vapour is flowed into a reaction chamber and heated together with oil/melt (e.g. hydrocarbon oil/melt) a product useful as a fuel (e.g. as a diesel fuel) can be produced. This provides a particularly convenient method for cracking oil/melt. Advantageously by providing the bio oil as a vapour the formation and accumulation of char in the reaction chamber can be reduced or avoided. The bio oil vapour and the oil and/or melt may be heated together without the addition of a catalyst.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2062/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHODS FOR BIOMETRIC REGISTRATION AND VERIFICATION AND RELATED SYSTEMS AND DEVICES

(51) International classification :G07C9/00,G06F21/00,G06K9/00
(31) Priority Document No :1153911
(32) Priority Date :06/05/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050333
Filing Date :16/02/2012
(87) International Publication No :WO 2012/153021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CAILLEBOTTE Stphane
3)RIEUL Fran§ois
4)CHABANNE Herv

(57) Abstract :
The invention relates to a registration method for future biometric verification purposes including the following steps for one person (I): obtaining first biometric data (4) and second biometric data (5) relating to said person; obtaining alphanumerical data (a) including at least one identifier relating to said person; storing in a first biometric database (1) the thus obtained first biometric data in association with a decryption key (6); storing in a correspondence table (T) first information from the thus obtained second biometric data and alphanumerical data in correspondence with an index (j); storing in a second database (2) second information from the thus obtained second biometric data and alphanumerical data in association with a version (J) of said index that is encrypted with an encryption key corresponding to said decryption key said second information being different from the first information.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2013
(21) Application No.1859/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DELAYED COKING OF PETROLEUM RESIDUE

(51) International classification :C10B55/00
(31) Priority Document No :RU2011108949
(32) Priority Date :10/03/2011
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2012/000710
Filing Date :29/08/2012
(87) International Publication No :WO 2014/035280
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZAPORIN Victor Pavlovich
3)SUKHOV Sergei Vitalevich
4)MAMAEV Mikhail Vladimirovich
5)BIDILO Igor Viktorovich
6)VALYAVIN Konstantin Gennadievich

(57) Abstract :
The invention relates to the field of petroleum processing in particular to methods for producing coke by retarded coking with a unit for trapping coke steaming and cooling products. The method comprises premixing stock with recycling heavy coking gas oil in an evaporation column in order to form a secondary stock which is subjected to retarded coking with coke accumulating in a chamber dividing the distillate coking products into vaporous products light and heavy gas oils and a heavy residue steaming the coke with steam and cooling same with water feeding the steaming and cooling products into an absorber equipped with mass exchange devices dividing the steaming and cooling products in the absorber into a steam phase and a liquid phase absorbing high boiling petroleum products from the steam phase by feeding a residue from the bottom of the absorber to a mass exchange device cooling and condensing the components of the steam phase in a condenser refrigerator and dividing the cooling products in a separator into gas petroleum products and water. Heavy coking gas oil is used as a recycled material for mixing with the stock before coking for rarefying the coke steaming and cooling products before same are fed into the absorber and also said products are fed to an upper mass exchange device of the absorber. The residue from the lower part of the absorber is returned to a mass exchange device arranged in the middle part of the absorber and a balanced quantity of residue from the absorber and separated petroleum products from the separator are returned to the lower part of a rectification column. The method is highly efficient and increases the output of coking products being produced.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013
(21) Application No.2070/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DEVICE FOR SEPARATING WATER FROM THE COMBUSTION AIR TO BE FED TO AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02M35/10,F02M35/08
(31) Priority Document No :10 2011 101 765.1
(32) Priority Date :17/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/058460
Filing Date :08/05/2012
(87) International Publication No :WO 2012/156235
(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)RIEGER Mario

(57) Abstract :
A device for separating water from the air to be fed to an internal combustion engine comprises a plurality of parallel separating lamellae which are arranged in a housing and form intermediate flow ducts. The separating lamellae are held at an angle of attack or opening angle.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013
(21) Application No.2072/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ACID ADDITION SALTS OF RISPERIDONE AND PHARMACEUTICAL COMPOSITIONS THEREOF

(51) International classification :C07D471/04,A61K31/505
(31) Priority Document No :1310/MUM/2011
(32) Priority Date :26/04/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/052065
Filing Date :25/04/2012
(87) International Publication No :WO 2012/147035
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GUPTA Arunkumar
3)PARIKH Manish
4)ABRAHAM Jaya
5)MISHRA Vivek

(57) Abstract :
The present invention relates to a novel acid addition salt of risperidone wherein acid counterion is selected from the group consisting of pamoic acid caproic acid cypionic acid decanoic acid camphor sulfonic acid enanthic acid palmitic acid fusidic acid gluceptic acid gluconic acid lactobionic acid lauric acid levulinic acid and valeric acid a process for the preparation and pharmaceutical composition comprising the same. Further the invention relates to the use of said pharmaceutical composition comprising the acid addition salt of risperidone in the treatment of patient suffering from psychotic disorders.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2013
(21) Application No.1808/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PIVOT LEVER ACTUATION UNIT

(51) International classification :E05B1/00,E05B63/00
(31) Priority Document No :20 2011 004 951.5
(32) Priority Date :06/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/000822
Filing Date :25/02/2012
(87) International Publication No :WO 2012/136292
(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)GOTTSCHLING Reinhard
2)SCHULTE Markus
3)KOCH Sebastian

(57) Abstract :
A description is given of a pivot lever actuation unit (10) comprising an actuating handle (22) which can be swung out of a hollow (12) and then pivoted and an adaptor part (14) which can be screwed on beneath the hollow (12) wherein the actuation unit (10) has a modular construction which allows certain outer constituent parts to be changed over and likewise makes flexible reconstruction possible.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2013
(21) Application No.65/MUM/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : GAN BASED SCHOTTKY DIODE FOR READ/WRITE MEMORY AND THE METHOD OF FORMING GD SCHOTTKY CONTACT

(51) International classification	:H01L21/30, H01L21/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DIPANKAR SAHA
2)SWAROOP GANGULY
3)PRASHANT SINGHAL

(57) Abstract :
The present invention discloses a a non-volatile memory device using Gd/AlGaN Schottky diode. The proposed invention comprise of depositing Gd/ Au on AlGaN layer to form a schottky contact and annealing the device. A capacitance-voltage hysteresis is observed, which is found to be reproducible across devices processed and measured under various conditions. The hysteretic nature of the characteristics gives rise to a voltage dependent capacitance window. Deep level traps due to Gd may be potentially responsible for the observed characteristics. The capacitance window is found to remain the same for a very long period of time.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013
(21) Application No.1310/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PROCESS FOR MANUFACTURING HIGH MANGANESE CONTENT STEEL WITH HIGH MECHANICAL RESISTANCE AND FORMABILITY AND STEEL SO OBTAINABLE

(51) International classification :C22C38/04,C21D6/00,C21D8/04
(31) Priority Document No :RM2010A000641
(32) Priority Date :07/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2011/000401
Filing Date :07/12/2011
(87) International Publication No :WO 2012/077150
(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)FERRAIUOLO Alessandro

(57) Abstract :
The subject of the present invention is a process for the production of an austenitic steel with high mechanical resistance and fomability. The proposed steel has the following chemical composition in percentage by weight: C 0.2-1.5; Mn 10-25; optionally Ni<2; 0.05-2.00; Al 0.01-2.0; N<0.1; P+Sn+Sb+As<0.2; S+Se+Te<0.5; and optionally Nb+Co<l and/or Re+W<l, the balance being Fe apart from unavoidable impurities, and is subjected to the specific recrystallization annealing treatment. Another subject of the present invention is the so obtainable austenitic steel product and the use thereof in the automotive industry. Figure 2 shows the microstructure of a TWIP steel according to the invention after deformation wherein the geminates presence is observed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013
(21) Application No.2076/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INSERT HAVING A REINFORCEMENT FOR CONTAINER PACKAGING

(51) International classification :B65D25/10,B65D85/26
(31) Priority Document No :13/116449
(32) Priority Date :26/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001027
Filing Date :25/05/2012
(87) International Publication No :WO 2012/160440
(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)WEISSBROD Paul A.

(57) Abstract :
A container insert (27) for taking up extra space may be placed in a container (10) intended for storage and/or shipment of material (14) to an end user. The insert may be generally longitudinal having a helical configuration that may be expanded and constricted for taking up different volumes of space within the container respective of the amount of material stored therein. The insert may also be elastically deformable or generally pliable and may absorb impact forces for preventing or minimizing damage to the material. Further the insert may include at least one reinforcement (29) including at least one wire or metal strip or portions thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013
(21) Application No.2066/MUMNP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR SMELTING MOLTEN PIG IRON

(51) International classification :C21C1/04,C21C1/02,C21C5/28
(31) Priority Document No :2011157494
(32) Priority Date :19/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068349
Filing Date :19/07/2012
(87) International Publication No :WO 2013/012039
(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)ISHII Takeshi
5)UCHIDA Yuichi
6)NISHIKORI Masanori

(57) Abstract :
This method for smelting molten pig iron involves: introducing molten pig iron and a cold iron source into a converter smelting container; melting the cold iron source and subjecting the molten pig iron to a desilication treatment by supplying together with an oxygen source an auxiliary material containing CaO as a main component; then as intermediate de slagging de slagging at least a portion of the slag produced by the desilication treatment; and then performing a dephosphorization treatment by supplying a slag forming agent and an oxygen source to the molten pig iron in the converter smelting container. In this method: a silicon containing substance or a silicon containing substance and a carbonaceous material is/are added as a heat source to the converter smelting container at the time of the desilication treatment; the desilication treatment is performed under conditions wherein the basicity of the slag (mass% of CaO/mass% of SiO) at the time of the completion of the desilication treatment is from 0.5 to 1.5 inclusive and the molten pig iron temperature at the time of the completion of the desilication treatment is from 1280°C to 1350°C inclusive; and then in the intermediate de slagging 30 mass% or more of the slag produced by the desilication treatment is de slagged from the rconverter smelting container.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2013
(21) Application No.18/MUM/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CIAE FRUIT AND VEGETABLE GRADER FOR SPHERICAL COMMODITIES

(51) International classification	:B07B 13/00, B07B1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SD DESHPANDE
4)SUNITA SINGH

(57) Abstract :
This invention relates with the development of a motorized device called CIAE Fruit and Vegetable Grader for Spherical Commodities, which may be used for separation of spherical fruits/ vegetables based on one of the principal dimensions. The device has been developed with three sorting channels for the sorted commodity. The sorting channels have been made of four endless rubber V-belts mounted on four sets of pulleys. The pulleys have been spaced in such a way that the spacing between moving belts diverges from the feed end to delivery end. The belts have been topped with a semi-circular cross section so that smaller fruits do not stay on the top of V-belt. This semi-circular top also prevents injury to the fruits from the sharp belt edge. Styrofoam lining on collection trays has also been provided to prevent damage to the fruits. Capacity of machine was found to be 1.5 t/h, without any damage visible during the operation. The equipment operates with 0.5 hp (375 W) single phase electric motor. Two labourers would be required for material handling. The equipment can be used for spherical or oval commodities like guava, tomato, onion, apple, potato, Amla, sapodilla etc.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2012
(21) Application No.10682/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TIMEPIECE ANTI SHOCK SYSTEM

(51) International classification :G04B31/04
(31) Priority Document No :01017/10
(32) Priority Date :22/06/2010
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2011/060405
Filing Date :22/06/2011
(87) International Publication No :WO 2011/161139
(61) Patent of Addition 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)HELFER Jean Luc
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3)WILLEMIN Michel

(57) Abstract :
The invention concerns a shock absorber bearing for an arbour (120) of a timepiece wheel set. The arbour includes a pivot-shank (121) extended by a pivot (122). The bearing includes a support (103) provided with a recess for receiving a pivot system (126, 126) into which the pivot-shank is inserted. The pivot system (126, 126) is arranged to absorb, at least in part, the shocks experienced by the timepiece wheel set and is formed of a single piece made of an at least partially amorphous metal alloy.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.1776/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD OF PRODUCING THIN POLARIZING FILM

(51) International classification :B29C55/06,G02B5/30,G02F1/1335
(31) Priority Document No :2010-201520
(32) Priority Date :09/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070438
Filing Date :08/09/2011
(87) International Publication No :WO 2012/033153 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)KAMIJO Takashi
4)GOTO Shusaku
5)KITAGAWA Takeharu

(57) Abstract :
A method of producing thin polarizing film having superior optical properties is provided. This method of producing thin polarizing film comprises a step of preparing a laminate (10) by forming polyvinyl alcohol based resin layers (12) on a thermoplastic resin base material (11) a step of stretching the laminate (10) while submerged in an aqueous solution of boric acid and a step of stretching the laminate (10) while drying after stretching while submerged in the aqueous solution.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1833/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SOLAR CONCENTRATOR WITH SUPPORT SYSTEM AND SOLAR TRACKING

(51) International classification :F24J2/54,F24J2/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/ES2010/070543
Filing Date :09/08/2010
(87) International Publication No :WO 2012/020146
(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)ROSELL URRUTIA Joan Ignasi
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(57) Abstract :
The invention discloses a solar concentrator comprising one or more lenses and one or more collectors and at least two joint structures (2) for the solar collector and the lens and at least two fastening structures (1) enabling rotation about a longitudinal axis. The joint structure can be rotated or moved enabling movement of the lens (3) and the collector (4) in opposing directions and variation of the relative distance thereof which addresses the problem of varying the focal length for each individual angle of incidence of the radiation.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1835/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DETERMINATION OF NETWORK SYNCHRONIZATION

(51) International classification :H04W88/06
(31) Priority Document No :61/375749
(32) Priority Date :20/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048423
Filing Date :19/08/2011
(87) International Publication No :WO 2012/024588
(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)YOO Taesang
4)ZHANG Xiaoxia
5)LUO Xiliang
6)LIU Ke
7)MALLADI Durga Prasad

(57) Abstract :
User equipment (UE) associated with synchronous networks operate in a synchronous mode while UEs associated with asynchronous networks operate in an asynchronous mode. When operating in a synchronous mode a UE can significantly improve performance of synchronization signal detection data decoding and tracking loop management by using the interference cancellation (IC) techniques that are not available in an asynchronous mode of operation. Obtaining synchronization indicators and determining the synchronization status of the current network by UE is disclosed. The determination may be based on the synchronization indicator whether detected through signal detection signal measurements signal analysis or the like.

No. of Pages : 47 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013
(21) Application No.1899/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ASSIGNING RESOURCES TO RESOURCE UTILISING ENTITIES

(51) International classification :H04L12/56
(31) Priority Document No :1014812.0
(32) Priority Date :07/09/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051640
Filing Date :01/09/2011
(87) International Publication No :WO 2012/032331
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GELENBE Sami Erol
2)TIMOTHEOU Stelios

(57) Abstract :
A method of assigning a resource from amongst a plurality of resources (12) to a resource utilising entity from amongst a plurality of resource utilising entities (D1 D2 D3) wherein a resource to resource utilising entity assignment has an associated cost. The method includes computing (304) network flow costs (C) of assignments for assigning said resources to said resource utilising entities. The method constructs (306) a flow network (200) including source nodes (203) corresponding to the resources transhipment nodes (205) corresponding to the assignments and a demand node (207) the flow network having arcs (209) representing flow between the nodes each said arc having an associated said network flow cost (C). The method then solves (308) a Minimum Cost Flow problem for the flow network with negated arc costs to obtain flow values (X) for the assignments and assigns (310 312) a said resource to a said resource utilising entity dependent on the flow value obtained.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.1599/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CATALYST

(51) International classification	:B01J23/648,B01J23/89,H01M4/92
(31) Priority Document No	:1012982.3
(32) Priority Date	:03/08/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/051386
Filing Date	:21/07/2011
(87) International Publication No	:WO 2012/017226
(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)THOMPSETT David
5)HARDS Graham Alan

(57) Abstract :
A platinum alloy catalyst PtXY wherein X is a transition metal (other than platinum palladium or iridium) and Y is a transition metal (other than platinum palladium or iridium) which is less leachable than X in an acidic environment characterised in that in the alloy the atomic percentage of platinum is from 20.5 40at % of X is from 40.5 78.5at % X and of Y is from l 19.5at % is disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.1772/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ELECTROLYTIC ON SITE GENERATOR

(51) International classification :C02F1/461,C23F13/00,C25B9/00
(31) Priority Document No :61/371490
(32) Priority Date :06/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046610
Filing Date :04/08/2011
(87) International Publication No :WO 2012/019016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SANTILLANES Matthew R.
3)SCHWARZ Kevin
4)SANCHEZ Justin
5)SHOWALTER Geofrey C.
6)LEE Kyle

(57) Abstract :
Method and apparatus for a low maintenance high reliability on site electrolytic generator incorporating automatic cell monitoring for contaminant film buildup as well as automatically removing or cleaning the contaminant film. This method and apparatus preferably does not require human intervention to clean. For high current density cells cleaning is preferably performed by reversing the polarity of the electrodes and applying a lower current density to the electrodes preferably by adjusting the salinity or brine concentration of the electrolyte while keeping the voltage constant. Electrolyte flow preferably comprises water and brine flows which are preferably separately monitored and automatically adjusted. For bipolar cells flow between modules arranged in parallel is preferably approximately equally distributed between modules and between intermediate electrodes within each module.

No. of Pages : 35 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2013
(21) Application No.1953/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND CONTROL AND TRACKING SYSTEM OF THE CHARGE OF MATERIAL TRANSPORTED BY A CONTINUOUS SUPPLY CONVEYOR OF A METALLURGICAL FURNACE PARTICULARLY AN ELECTRIC FURNACE FOR THE PRODUCTION OF STEEL

(51) International classification :F27B3/18,F27B3/28,F27D13/00
(31) Priority Document No :MI2010A001558
(32) Priority Date :18/08/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/001899
Filing Date :15/08/2011
(87) International Publication No :WO 2012/023029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention refers to a method and to a control and tracking system of the charge of material transported by a continuous supply conveyor (2) of a metallurgical furnace (3) in particular an electric furnace for the production of steel wherein said continuous conveyor (2) comprises in sequence starting from its inlet end towards its outlet end a loading section (2A) of the charge of material to be supplied to said furnace (3) a preheating section (2B) of the charge of material loaded and an introduction section (2C) into said furnace (3) of the preheated charge of material and wherein along said loading section (2A) at least a first loading station (200) of material is present wherein the method comprises the steps consisting in determining (101) the type and the weight of the material of a first charge fraction to be loaded into the first loading station (200) in function of a predetermined charge recipe (100) supplying (102) the first loading station (200) with the first charge fraction detecting (103) the weight of the first charge fraction discharging (104) the first charge fraction (C1) onto the continuous conveyor (2) marking (105) the first charge fraction (C1) through identification means (M1 M1 M1) detecting (106) the overall dimensions of the first charge fraction (C1) discharged onto the continuous conveyor (2) estimating (107 108) the advancing speed of the first charge fraction (C1) along the loading section (2A) of the continuous conveyor (2) and the arrival time of the first charge fraction (C1) entering a possibly subsequent loading station (200n) of a further charge fraction or the preheating section (2B) and in proximity to the inlet of the preheating section (2B) recognising (115) in the charge of material discharged onto the continuous conveyor (2) the first charge fraction (C1) and possible further charge fractions (Cn) subsequently discharged onto the continuous conveyor (2) by means of the respective identifying means (Ml Mn) estimating (117 118) the advancing speed of the first charge fraction (C1) and of possible further charge fractions (Cn) subsequently discharged onto the continuous conveyor (2) along the preheating section (2B) and the respective arrival time to the introduction section (2C) into the furnace (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2013
(21) Application No.1812/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : EXPOSING RESOURCE CAPABILITIES TO WEB APPLICATIONS

(51) International classification :G06F17/30
(31) Priority Document No :12/854047
(32) Priority Date :10/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046136
Filing Date :01/08/2011
(87) International Publication No :WO 2012/021322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YEUNG Bryan

(57) Abstract :
The subject matter of this document can be implemented in among other things a method that includes executing a web application within a web browser of a computing device. The method also includes executing a resource server with an interface for receiving HTTP messages from the web application and an interface for communicating with a system resource of the computing device. The method further includes receiving at the web application an input to affect an operation of the system resource. The method also includes transmitting from the web application to the resource server an HTTP message to affect the operation of the system resource. The method further includes processing the HTTP message into a resource control message that includes information about the operation. The method also includes transmitting the resource control message from the resource server to the system resource to affect the operation by the system resource.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2013
(21) Application No.1813/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : COMMUNICATION SYSTEM

(51) International classification :H04W28/08
(31) Priority Document No :1013559.8
(32) Priority Date :12/08/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/JP2011/068718
Filing Date :12/08/2011
(87) International Publication No :WO 2012/020850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A relay communications system is described in which a base station receives a request from an MME that an overload procedure be started or stopped. The base station inserts the identity of the MME into the request and forwards the modified request to a relay node. The relay node then initiates or terminates the overload procedure in accordance with the request for mobile telephones which the MME that made the request serves but not for mobile telephones which the MME does not serve.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1873/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DIFFERENTIATION FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/24,A61M5/315
(31) Priority Document No :61/373387
(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/063847
Filing Date :11/08/2011
(87) International Publication No :WO 2012/020089
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AVERY Richard James Vincent

(57) Abstract :
A drug delivery device with differentiating features is provided. The drug delivery device comprises a dose setting mechanism (102 500) a cartridge holder (104 300) and a cartridge (120 400) contained within the cartridge holder. The cartridge holder is secured to the dose setting mechanism and comprises a collar or ring (310). The ring has the same color as other differentiation features on either the dose setting mechanism or the cartridge or both. The color coded ring is configured on the cartridge holder such that when the cartridge holder is assembled with the dose setting mechanism the color coded ring remains visible.

No. of Pages : 34 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013
(21) Application No.1988/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : BLOWOUT PREVENTER WITH SHEARING BLADES AND METHOD

(51) International classification :E21B33/06
(31) Priority Document No :61/374258
(32) Priority Date :17/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047727
Filing Date :15/08/2011
(87) International Publication No :WO 2012/024208 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The disclosure provides a blowout preventer (BOP) system with a ram (12) having a shear blade with a shear blade (21) profile to shear a tubular member (20) disposed in the BOP. The shear blade profile can include a stress concentrator (24) and centering shaped surface (26). The stress concentrator and the centering shaped surface can be laterally offset from a centerline of ram travel and on opposite sides of the centerline. An opposing second shear blade can have a mirror image of the shear blade profile with the stress concentrator and centering shaped surface reversed to the orientation of the first shear blade. Further the ram can include a mandrel with a mandrel profile for the tubular member to deform around during the shearing process and to reduce an overall lateral width of the sheared tubular member in the BOP through bore to allow retrieval of the deformed sheared tubular member from the BOP.

No. of Pages : 51 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2012
(21) Application No.10125/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SPATIAL LOGICAL AND SKILL IMPROVEMENT GAME PARTICULARLY A LABYRINTH GAME

(51) International classification :A63F9/00,A63F9/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/HU2010/000051
Filing Date :05/05/2010
(87) International Publication No :WO 2011/138623
(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)ZAGYVAI Andr¡s

(57) Abstract :
The spatial logical and skill improvement game according to the invention is characterised by that the body thereof consists of coaxial body portions arranged at one or multiple layers and that a labyrinth is formed inside the body and/or the body portions by path sections pockets and ends and the game comprises at least one toy element movable through the path sections pockets and ends constituting the labyrinth.

No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2012
(21) Application No.10828/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ON LOAD TAP CHANGER

(51) International classification :H01F29/04,H01H9/00
(31) Priority Document No :10 2010 024 255.1
(32) Priority Date :18/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/002121
Filing Date :28/04/2011
(87) International Publication No :WO 2011/157316
(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)SACHSENHAUSER Andreas

(57) Abstract :
On-load tap changer for uninterrupted switching over between winding taps of a tapped transformer, comprising a selector for power-free pre-selection of the new winding tap, which is to be switched over to, and a load changeover switch for the actual uninterrupted load changeover, wherein the load changeover switch has two main current branches and two auxiliary current branches, which are connectible with a load shunt, wherein the first winding tap (n) of the first main current branch is connectible with the load shunt (LA) by way of a series connection consisting of a mechanical changeover switch (U1) and a vacuum switching tube (V1), wherein the second winding tap (n+1) of the second main current branch is connectible with the load shunt (LA) by way of a series connection consisting of a mechanical changeover switch (U2) and a vacuum switching tube (V2), wherein the first auxiliary current branch is branched-off between the first winding tap (n) and the mechanical changeover switch (U1) of the first main current branch and has a looped-in resistance (R1) by means of which an electrical connection with the mechanical changeover switch (U2) of the second main current branch is producible and wherein the second auxiliary current branch is branched-off between the second winding tap (n+1) and the mechanical changeover switch (U1) of the second main current branch and has a looped-in resistance (R2) by means of which an electrical connection with the mechanical changeover switch (U1) of the first main current branch is producible, characterised in that the first mechanical changeover switch (U1) is constructed for direct switching over between the first main current branch and the second auxiliary current branch and the second mechanical changeover switch (U2) is constructed for direct switching over between the second main current branch and the first auxiliary current branch.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013
(21) Application No.2060/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SOLAR POWER GENERATION SYSTEM CONTROL DEVICE USED FOR SOLAR POWER GENERATION SYSTEM AND CONTROL METHOD AND PROGRAM FOR THE SAME

(51) International classification :G05F1/67
(31) Priority Document No :2010191357
(32) Priority Date :27/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069327
Filing Date :26/08/2011
(87) International Publication No :WO 2012/026593
(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)ITAKO Kazutaka

(57) Abstract :
Provided are a light power generation system a control device a control method and a program whereby efficient power which is controllable whether a power converter circuit includes a chalk coil or not can be supplied even if sunlight irradiated onto a solar cell panel is partially shadowed. The maximum power detection unit (253) in a control unit (25) operates a MOSFET (242) in a power converter circuit (24) (for example in a DC DC converter) and open circuits both ends of a solar cell panel (11) in the maximum power detection mode. After that the maximum power detection unit (253) short circuits both ends of the solar cell panel (11) detects a maximum power (P) by monitoring the output power of the solar cell panel (11) during a period from the open state to the short circuited state and defines the voltage (V) of the solar cell panel (11) as an optimal voltage (V) when detecting the maximum power (P). In a tracking operation mode the control unit (25) performs PWM control with respect to the MOSFET (242) by defining the optimal voltage (V) to be a reference signal. Operations are repeated between the maximum power detection mode and the tracking operation mode which are described above.

No. of Pages : 95 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2012
(21) Application No.10839/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SELF LIMITING CATALYST COMPOSITION FOR ETHYLENE POLYMERIZATION

(51) International classification :C08F210/16,C08F2/00,C08F4/653
(31) Priority Document No :61/360408
(32) Priority Date :30/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042378
Filing Date :29/06/2011
(87) International Publication No :WO 2012/003219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EWART Sean W.
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4)BEIGZADEH Daryoosh
5)FROESE Robert D.
6)MARGL Peter M.

(57) Abstract :
A process for polymerizing ethylene to produce an ethylene based polymer including contacting ethylene with a Ziegler Natta procatalyst an alkylaluminum cocatalyst and a self limiting agent selected from the group of aliphatic cycloaliphatic substituted cycloaliphatic or aromatic esters anhydrides and amides such that the self limiting agent reduces polymerization rates to no greater than 40% of the polymerization rate in the absence of the self limiting agent at temperatures equal to or greater than 120 °C is provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2013
(21) Application No.1521/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PROCESS FOR PRODUCING GLYCOSIDES OF ACRYLATE DERIVATIVES EMPLOYING SACCHARIDES AND GLYCOSIDASES

(51) International classification :C12P19/44,C07H99/00
(31) Priority Document No :10171322.0
(32) Priority Date :29/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/062783
Filing Date :26/07/2011
(87) International Publication No :WO 2012/013648
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOOS Katja
3)KLOOSTERMAN Wouter

(57) Abstract :
Ethylenically unsaturated glycosides of formula (I) wherein n A X R and R have the meanings given in the description are produced by reacting an ethylenically unsaturated alcohol of formula (II) with a saccharide of formula (III) in the presence of a glycosidase such as an amylase cellulase glucosidase or galactosidase (i) at a molar ratio of ethylenically unsaturated alcohol of formula II to saccharide of formula (III) of from 2:1 to 30:1; (ii) in the presence of a solvent mixture of water and a water miscible organic solvent that is no primary or secondary alcohol such as acetone acetonitrile t pentanol t butanol 1 4 dioxane and tetrahydrofuran at a weight ratio of water to organic solvent of from 0.1 :1 to 9:1; and (iii) at a weight ratio of solvent mixture to saccharide of from 3:1 to 30:1.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2013
(21) Application No.1804/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : VALVE FOR A FIRE EXTINGUISHING SYSTEM

(51) International classification :A62C3/07,A62C35/02,A62C37/42
(31) Priority Document No :61/371889
(32) Priority Date :09/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047136
Filing Date :09/08/2011
(87) International Publication No :WO 2012/021549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COUNTS Brian L.
3)BIEHL Richard J.

(57) Abstract :
A valve for a fire extinguishing system includes a housing a flow control apparatus an actuator apparatus and a manual override apparatus. The flow control apparatus is disposed in a cavity to prevent or permit flow of the fire extinguishing agent from an ingress aperture to an egress aperture of the housing. The flow control apparatus includes a burst disk clamped between the first and second annular faces and an annular spool axially movable along the longitudinal axis relative to the housing. The actuator apparatus includes a bearing sleeve angularly movable around a longitudinal axis relative to the housing and a latch element operably coupling the bearing sleeve and the annular spool. The manual override apparatus includes a cam operably coupled to the bearing sleeve.

No. of Pages : 55 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013
(21) Application No.2043/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : THREE DIMENSIONAL IMAGING

(51) International classification :G01N21/47,G01T1/29,A61B6/02
(31) Priority Document No :1016088.5
(32) Priority Date :24/09/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051786
Filing Date :22/09/2011
(87) International Publication No :WO 2012/038749
(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)RODENBURG John Marius
2)MAIDEN Andrew
3)HUMPHRY Martin

(57) Abstract :
A method of providing image data for constructing an image of a region of a three dimensional target object comprising providing from a radiation source incident radiation directed at a target object detecting an intensity of radiation scattered by the target object and determining image data for each of a respective plurality of slices within the target object each indicating one or more characteristics of the target object at a respective depth within the target object wherein the image data is determined based on the detected intensity of radiation via an iterative process wherein running estimates of the image data for each of the plurality of slices are updated step by step.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.2169/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : POWER TRANSMISSION DEVICE OF WIND POWER GENERATION EQUIPMENT

(51) International classification :f03d
(31) Priority Document No :2011-126618
(32) Priority Date :06/06/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MINEGISHI KIYOJI
2)KOJIMA MAKOTO

(57) Abstract :
In a reduction gear of wind power generation equipment that includes a simple planetary gear mechanisms 42,44 and casings 88,90 accommodating output members 66,86 of the simpleplanetary gearmechanisms, the outputmembers include first opposing surfaces 66F, 86F1, and 86F2, the casings include second opposing surfaces 88F, 90F1, 90F2, the first and second opposing surfaces are disposed to be opposite to each other so that the first and second opposing surfaces do not contact each other when being assembled and contact each other when a load which is transmitted to the output members exceeds predetermined values L66 and L86 which are set to a smaller value than extreme value loads Lm66 and Lm86 which is a limit which can be transmitted to the output members.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013
(21) Application No.1058/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A METHOD FOR CALIBRATING ANTENNA RECIPROCITY IN A BASE STATION OF WIRELESS NETWORK AND A DEVICE THEREOF

(51) International classification :H04W24/00
(31) Priority Document No :201010229376.1
(32) Priority Date :16/07/2010
(33) Name of priority country :China
(86) International Application No :PCT/IB2011/001866
Filing Date :15/07/2011
(87) International Publication No :WO 2012/014066
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LUO Qinglin
2)SHI Jing
3)ZHAO Yan

(57) Abstract :
The present invention provides a method and device for calibrating antenna reciprocity via OTA in a base station of wireless network and the method comprises: determining based on a predefined rule a plurality of calibrating UEs out of a plurality of UEs and antennas to be calibrated by the plurality of calibrating UEs of the plurality of base stations wherein the plurality of calibrating UEs are configured to calibrate antennas of the plurality of base stations; and calibrating according to the determined calibration relationship the antennas reciprocity of the plurality of base stations based on the plurality of calibrating UEs. With the method of present invention communication channel model can be calibrated effectively so as to enhance antenna reciprocity in CoMP scenario.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2013
(21) Application No.1486/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR COMBINING IMAGES RELATING TO A THREE DIMENSIONAL CONTENT

(51) International classification :H04N13/00
(31) Priority Document No :TO2010A000652
(32) Priority Date :28/07/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/053361
Filing Date :28/07/2011
(87) International Publication No :WO 2012/014171
(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)BALLOCCA Giovanni

(57) Abstract :
The present invention relates to a method for superimposing images on three dimensional content wherein a video stream is received which comprises the three dimensional content and a depth map for superimposing images on the three dimensional content. Once the video stream has been received images are superimposed on the three dimensional content in a position in depth dependent on the superimposition depth map (DM). The superimposition depth map contains information about the depth of the three dimensional content and is inserted as an image contained in a frame (C) of the video stream. The depth map has a smaller number of pixels than that of a two dimensional image associated with the three dimensional content. The invention also relates to devices enabling the implementation of said methods.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2013
(21) Application No.1801/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SEPARATOR WITH INCREASED PUNCTURE RESISTANCE

(51) International classification :H01M2/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/004912
Filing Date :11/08/2010
(87) International Publication No :WO 2012/019626
(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)GEIGER Sigrid
5)HIRN Klaus
6)WASCHINSKI Christian
7)FALUSI Sandra
8)KASAI Maxim

(57) Abstract :
The invention relates to a separator with a main part which is made of nonwoven material said main part being provided with a coating. The coating contains filler particles cellulose and flexible organic binder particles said filler particles and flexible organic binder particles being connected to each other by the cellulose. The aim of the invention is to design and develop a separator such that said separator exhibits high permeability with increased mechanical stability. The separator is characterized in that the cellulose contains cellulose derivatives that have a chain length of at least 100 repeating units preferably a chain length of at least 200 repeating units.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2013
(21) Application No.1802/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : COMPOSITION FOR CONTROLLING HARMFUL ARTHROPODS AND METHOD FOR CONTROLLING HARMFUL ARTHROPODS

(51) International classification	:A01N43/40,A01N37/50,A01N43/54
(31) Priority Document No	:2010180016
(32) Priority Date	:11/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068209
Filing Date	:03/08/2011
(87) International Publication No	:WO 2012/020781
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(57) Abstract :
A composition for controlling harmful arthropods which comprises flonicamid one or more kinds of plant hopper controlling compounds selected from group (A) and one or more kinds of rice blast controlling compounds selected from group (B). group (A): a group consisting of clothianidin imidacloprid dinotefuran thiamethoxam fipronil and pymetrozine; and group (B): a group consisting of isotianil probenazole tiadinil tricyclazole pyroquilone thiophanate methyl orysastrobin and azoxystrobin.

No. of Pages : 42 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013
(21) Application No.2171/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHODS FOR SEMANTICS BASED CITATION PAIRING INFORMATION

(51) International classification :G06F7/00
(31) Priority Document No :12/869413
(32) Priority Date :26/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047382
Filing Date :11/08/2011
(87) International Publication No :WO 2012/027122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A computer implemented method of semantically linking by a computing device a citing document to a cited document in a corpus of documents includes locating at least one citation present in the citing document determining a reason for citing for at least one citation and determining a cited text area present in the cited document wherein the cited text area corresponds with the reason for citing. The method further includes populating a citation entry of a citation pairing metadata file with a citing document identifier a reason for citing identifier a cited document identifier and a cited text area identifier. The citation pairing metadata file includes a plurality of citation entries and is stored separately from the citing document and the cited document.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013
(21) Application No.1077/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : P2X4 RECEPTOR ANTAGONIST

(51) International classification :C07D243/12,A61K31/551,A61P25/04
(31) Priority Document No :2010159186
(32) Priority Date :13/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065935
Filing Date :13/07/2011
(87) International Publication No :WO 2012/008478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
A diazepine derivative having the following formula (III) or a pharmacologically acceptable salt thereof is used as A P2X4 receptor antagonist: wherein each of R21 and R22 is hydrogen, a C1-8 alkyl group or the like; R23 is hydrogen, a C1-8 alkyl group or the like; each of R24 and R25 is hydrogen, a C1-8 alkyl group or the like; R26 is hydrogen, a C1-8 alkyl group, a halogen atom, hydroxyl, nitro, cyano, phenyl optionally having one or more substituents, or a heterocyclic group optionally having one or more substituents or the like; and p is 0 or 1.

No. of Pages : 80 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013
(21) Application No.1912/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PRINT HEAD MODULE

(51) International classification :B41J2/15,B41J3/407,D06P5/30
(31) Priority Document No :1014952.4
(32) Priority Date :08/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/065571
Filing Date :08/09/2011
(87) International Publication No :WO 2012/032127
(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)FOX James E.
4)WALLACE Paul

(57) Abstract :
A print head module (20) for depositing a substance has an axis and a plurality of print heads (22) provided with nozzles (23). The heads are distributed along the axis to form an elongate compound head having nozzle redundancy by arranging the heads in partially overlapping relation to one another. This allows deposition of the substance from the nozzles in uniform swathes having different angles transverse to the axis.

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013
(21) Application No.2155/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ANTI MICROBIAL COMPOSITIONS

(51) International classification :A01N43/04,A01N43/16,A01N43/08
(31) Priority Document No :587490
(32) Priority Date :20/08/2010
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2011/000164
Filing Date :22/08/2011
(87) International Publication No :WO 2012/023865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FORD Stephen
3)SELWOOD Andrew Ian
4)VAN GINKEL Roel
5)WILKINS Alistair Lawrence

(57) Abstract :
Epicoccum purpurascens (syn. E. negrum)BotrytisLecanicillium muscariumAntimicrobial compounds from for use against plant and fungi pathogens. An organge yellow metabolite was isolated the structure elucidated as a small group of compounds Epipyrone A C and fungicidal activity demonstrated against plant pathogens for example cinerea and . Agricultural and pharmaceutical compositions are provided and use thereof in treating microbial infections in an animal or plant are also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013
(21) Application No.2156/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TEMPERATURE CONTROL OF CHEMICAL DETECTION SYSTEM

(51) International classification :G05D23/20,G01N31/00,G01K11/00
(31) Priority Document No :61/376185
(32) Priority Date :23/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048840
Filing Date :23/08/2011
(87) International Publication No :WO 2012/027391
(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)HO Louie

(57) Abstract :
An apparatus for detecting chemical reactions may be provided. The apparatus may comprise a chemical detection device. The chemical detection device may include a chemical sensor which may be mounted on the chemical detection device. The apparatus may further comprise a valve block. The valve block may fluidly couple a plurality of reagent containers to the chemical detection device. The apparatus may further comprise a heat exchanger and a controller. The controller may control a fluid connection between the valve block and the chemical detection device. The controller may be also configured to adjust a temperature of a selected reagent from the plurality of reagent containers via the heat exchanger. The temperature of the selected reagent may be adjusted prior to the reagent entering the chemical detection device.

No. of Pages : 37 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013
(21) Application No.2223/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ADJUSTABLE CAR TOP GUARDRAIL

(51) International classification :B66B5/00,B66B11/02
(31) Priority Document No :2010-10263014.4
(32) Priority Date :25/08/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/072573
Filing Date :10/04/2011
(87) International Publication No :WO 2012/024930
(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)YU Cheng
4)WANG Shenghui

(57) Abstract :
Disclosed is an adjustable car top guardrail. The first technical solution: the adjustable car top guardrail comprises a transverse fencing and longitudinal fencings located at both ends of the transverse fencing; the transverse fencing consists of a left fencing section and a right fencing section both of which are interconnected; the connecting positions of the left fencing section and the right fencing are respectively provided with a set of corresponding connecting holes (1 1 1) distributed at intervals along the length direction. The second technical solution: the adjustable car top guardrail comprises a transverse fencing (1 H) and longitudinal fencings (1 V) located at both ends of the transverse fencing (1 H); the both ends of the transverse fencing (1 H) are lockably hinged with the longitudinal fencing (1 V) by a transition fencing (1 L) respectively. The width and depth of the car top guardrail can be adjusted according to the size of cars and therefore the car top guardrail has excellent adaptability and can be produced in bulk thus reducing manufacturing cost and improving production efficiency.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2013
(21) Application No.1557/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : COMMUNICATION APPARATUS METHOD AND COMPUTER IMPLEMENTABLE PRODUCT FOR ADMISSION CONTROL

(51) International classification :H04L12/56
(31) Priority Document No :1016362.4
(32) Priority Date :29/09/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/JP2011/072910
Filing Date :28/09/2011
(87) International Publication No :WO 2012/043869
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
A communications apparatus is described which is capable of auto tuning a cell admission threshold value used to control admission into a communications network. The apparatus obtains an outage rate for one or more current calls at a node in the network and also a blocking rate of the rate at which admission requests at the node are blocked and uses these rates to adjust a load threshold to be used in admission control decisions. The apparatus then controls admission of calls at the node in dependence on an estimated current load and the load threshold.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1836/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SAMPLE SELECTION AND INTERCELL INTERFERENCE CANCELLATION FOR SECONDARY SYNCHRONIZATION SIGNAL (SSS) DETECTION

(51) International classification :H04J11/00
(31) Priority Document No :61/375649
(32) Priority Date :20/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048421
Filing Date :19/08/2011
(87) International Publication No :WO 2012/024587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BHATTAD Kapil
3)ZHANG Xiaoxia
4)YOO Taesang
5)LUO Xiliang
6)LIU Ke

(57) Abstract :
Methods and apparatus for selecting samples for secondary synchronization signal (SSS) detection are described. Several alternatives are provided for efficient cell identifier detection. In a first alternative multiple bursts of a signal received from a cell are sampled with non uniform spacing between sampling intervals to determine a sequence for cell identification. In a second alternative samples of a first and a second signal received from a stronger cell are cancelled and a sequence for detecting a weaker cell is determined by reducing effects of the samples of a third signal received from the weaker cell which do not overlap with the primary synchronization signal (PSS) or SSS of the stronger cell. In a third alternative a sequence for detecting a weaker cell is determined by reducing effects of any sampled bursts that correspond to a high transmission power portion of a signal from a stronger cell.

No. of Pages : 63 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1838/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ROLL PAPER SETTING STRUCTURE

(51) International classification :B65H16/06
(31) Priority Document No :2010238702
(32) Priority Date :25/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056500
Filing Date :11/03/2011
(87) International Publication No :WO 2012/056745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A roll paper setting structure is provided with a roll paper storage unit (120) setting shaft structures (130) and a storage frame (140). The storage frame (140) has shaft position guides (150) formed therein. The shaft position guides (150) have a pair of guide pieces (151) and loading recessed sections (152). The setting shaft structures (130) have shaft sections (131) so as to rotatably support roll paper (200). Viewing the positions of the pair of guide pieces (151) enables an operator to recognize the positions of the shaft sections (131). Using the loading recessed sections (152) enables the operator to insert his/her finger in the back side (Z2) in the direction in which the roll in the roll paper storage unit (120) is loaded. As a result the operator is able to easily and reliably load the roll (200).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013
(21) Application No.772/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FREE FLOWING PRESSURE SENSITIVE ADHESIVES

(51) International classification :B29B9/12,B01J2/30
(31) Priority Document No :10171866.6
(32) Priority Date :04/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/062508
Filing Date :21/07/2011
(87) International Publication No :WO 2012/016842 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PETRY Gerald
3)KRATZ Gunther
4)PRKNER Eckhard
5)BURGSMLLER Milan

(57) Abstract :
Hot melt adhesive consisting of a core of a pressure sensitive adhesive comprising at least one polymer selected from polyester polyacrylate polyolefin polyurethane ethylene vinyl acetate polymers styrene blockcopolymers or mixtures at least one tackifier and optionally additives the core material has a softening point of 80 to 150 °C and a tacky surface at 25°C the hot melt adhesive having the form of pellets each pellet of adhesive has an outer shell of a film forming material whereby i) the film forming material is a thermoplastic polymer with a melting point of less than 120 °C ii) each pellet being completely surrounded by the film material iii) the film is applied as continuous film so that the pellets have a non blocking surface and are free flowing at a temperature of less then 45°C. Such pellets can be used as feed for automated feeder devices for the supply hot melt application systems.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013
(21) Application No.2094/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PULL OUT GUIDE

(51) International classification :A47B88/10
(31) Priority Document No :10 2010 037 097.5
(32) Priority Date :20/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/064244
Filing Date :18/08/2011
(87) International Publication No :WO 2012/022788
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
A pull out guide in particular for domestic appliances having a guide rail (4) and at least one additional rail (2 3) which are mounted such that they can be displaced relative to one another via rolling contact bodies (6) accommodated by a cage (5) and have at least one stop in order to limit the displacement distance of the additional rail(s) (2 3) wherein the at least one stop is designed as a crosspiece (21 32 41) which is made on the guide rail (4) or on at least one of the additional rails (2 3) and projects into the displacement path of the cage (5) or of an outer rolling contact body (6) as seen in the displacement direction (x) as far as the axis of rotation or at least as far as half the radius of the rolling contact body (6).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013
(21) Application No.2095/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A MINING OPERATION INVOLVING DRY SORTING A MINED OR STOCKPILED MATERIAL PRODUCING AN UPGRADED MATERIAL AND POSSIBLE FURTHER BLENDING TO PRODUCE A PRODUCT OF REQUIRED CUSTOMER SPECIFICATION

(51) International classification :E21C41/26,B07B13/00,C22B1/00
(31) Priority Document No :2010904194
(32) Priority Date :17/09/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/001186
Filing Date :16/09/2011
(87) International Publication No :WO 2012/034179
(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)BOX John Clarence

(57) Abstract :
A mining operation for producing a product of a required customer specification includes at least one mine a shipping facility for shipping a product produced from material mined at the mine to a customer specification and a transportation link for transporting material from the mine to the shipping facility. The mining operation also includes at least one dry sorter for sorting a part of a mined or a stockpiled material from the mine and producing an upgraded mined material and a blending facility for blending the upgraded material and other mined or stockpiled material and producing the product of the required product specification.

No. of Pages : 32 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013
(21) Application No.2164/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SYNCHRONIZATION METHOD FOR CURRENT DIFFERENTIAL PROTECTION

(51) International classification :H02H7/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/078562
Filing Date :09/11/2010
(87) International Publication No :WO 2012/061978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SU Bin
3)YANG Ying
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5)GAJIC Zoran

(57) Abstract :
The present invention provides a synchronization method for current differential protection comprises the following steps: selecting a point on the transmission line protected by the current differential protection; measuring the current and the voltage of each of the terminals of said transmission line; calculating the compensating voltage at the selected point respectively according to the measured current and the voltage of the each terminal; detecting and calculating the synchronization error by comparing all the compensating voltages. The current and voltage of each of the terminals are measured before a fault or after a fault and can be measured in vectors or sampling values. The current and voltage of each of the terminals are phase quantities or sequence quantities. The point can be selected from any points of transmission line; preferably the middle or the ends of the transmission line or the T connected point of the multi terminal transmission lines. The synchronization method further comprises a step of distinguishing the calculated synchronization error caused by a serious line parameter change or an asymmetrical channel switching by calculating the changing speed of the phase angle difference or the wave shift of said compensating voltage.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013
(21) Application No.833/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD OF OPERATING A BASE STATION AND BASE STATION

(51) International classification :H04W16/28
(31) Priority Document No :10290380.4
(32) Priority Date :09/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/058256
Filing Date :20/05/2011
(87) International Publication No :WO 2012/004042
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KLEIN Siegfried

(57) Abstract :
The present invention relates to a method of operating a base station (100) of a cellular communications network wherein said base station (100) comprises at least one antenna (110) said method comprising a step of adjusting (200) a tilt angle () of the antenna (110) and/or of a beam pattern of said antenna wherein said step of adjusting (200) is performed depending on a quality measure which characterizer the quality of a signal transmission associated with said antenna (110).

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013
(21) Application No.1010/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR PRODUCING R T B BASED SINTERED MAGNETS

(51) International classification :H01F41/02,B22F3/24,C22C28/00
(31) Priority Document No :2010157837
(32) Priority Date :12/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065837
Filing Date :12/07/2011
(87) International Publication No :WO 2012/008426
(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)KUNIYOSHI Futoshi

(57) Abstract :
A method for producing R T B based sintered magnets includes: a step for preparing R T B based sintered magnet bodies (1); a step for preparing RH diffusion sources that contain a heavy rare earth element (RH) (comprising Dy and/or Tb) and Fe with a mass% of 30 to 80; a step for charging the R T B based sintered magnet bodies (1) and the RH diffusion sources (2) into a processing chamber (3) in such a manner that the R T B based sintered magnet bodies (1) and the RH diffusion sources (2) can move relatively and can come close to each other or come into contact with each other; and an RH diffusion step for heating the sintered magnet bodies (1) and the RH diffusion sources (2) at a temperature of 850°C to 1000°C while moving the sintered magnet bodies (1) and the RH diffusion sources (2) continuously or intermittently in the processing chamber (3).

No. of Pages : 65 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2012

(21) Application No.10107/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INHIBITORS OF JNK

(51) International classification :C07D487/04,A61K31/4985,A61P19/02
(31) Priority Document No :61/351599
(32) Priority Date :04/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/059003
Filing Date :01/06/2011
(87) International Publication No :WO 2011/151357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAN Yun chou

(57) Abstract :
Compounds of formula (I) or pharmaceutically acceptable salts thereof wherein: wherein m n p q X Y Z A R R R R R and Y are as defined herein. The compounds and compositions disclosed herein are useful to modulate the activity of JNK and treat diseases associated with JNK activity.

No. of Pages : 62 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2013

(21) Application No.192/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : HIGH FREQUENCY ANTENNA

(51) International classification :H01Q7/00,H01Q7/04,H01Q21/10
(31) Priority Document No :1054724
(32) Priority Date :15/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051346
Filing Date :14/06/2011
(87) International Publication No :WO 2011/157942
(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)THOMAS Thierry

(57) Abstract :
The invention relates to an inductive antenna formed from at least two pairs of segments (32 34) geometrically butted together and each comprising first (322 342) and second (324 344) parallel conductors insulated from each other each pair having at each end a single terminal for the electrical connection of its first conductor to that of the neighbouring pair in which said pairs are of a first type (3) in which the conductors are interrupted approximately at their mid points so as to define the two segments the first (respectively second) conductor of one segment being connected to the second (respectively first) conductor of the other segment of the pair or of a second type in which the first conductor is interrupted approximately at its mid point so as to define the two segments the second conductor not being interrupted.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2013
(21) Application No.43/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR PRODUCING METHANE FROM BIOMASS

(51) International classification :C10L3/00
(31) Priority Document No :12/815743
(32) Priority Date :15/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001048
Filing Date :09/06/2011
(87) International Publication No :WO 2011/159334
(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 Howard S.
5)LEPPIN Dennis

(57) Abstract :
A multi stage method and apparatus for producing methane from biomass in which the biomass is hydropyrolyzed in a reactor vessel containing molecular hydrogen and a deoxygenating catalyst the output of which is hydrogenated using a hydroconversion catalyst. The output from the hydroconversion step is provided to a water gas shift process providing a mixture of HO and product gases including CO H and methane. The mixture components are separated resulting in a product stream comprising substantially only methane.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013
(21) Application No.918/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PROCESS FOR PREPARING 2 HYDROXYPHENYL ALKENYL BENZOTRIAZOLE COMPOUNDS AND PROCESS FOR PREPARING SILOXANE COMPOUNDS CONTAINING 2 HYDROXYPHENYL BENZOTRIZOLE FUNCTION

(51) International classification :C07D249/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/001670
Filing Date :25/10/2010
(87) International Publication No :WO 2012/055063
(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)GUERREIRO Patricio
4)WANG Yuan
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(57) Abstract :
The process for preparing 2 hydroxyphenyl alkenyl benzotriazole compounds and the process for preparing siloxane compounds containing 2 hydroxyphenyl benzotriazole function are disclosed.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013
(21) Application No.1063/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : WIRELESS COMMUNICATION NETWORK AND METHOD FOR SELECTING PATH

(51) International classification :H04W24/04,H04L1/22,H04L27/00
(31) Priority Document No :2010181367
(32) Priority Date :13/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068213
Filing Date :03/08/2011
(87) International Publication No :WO 2012/020783
(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 :
There was an inconvenience that, at the time of path selection of a wireless communication network which is structured using a wireless equipment including an adaptive modulation system, a path setting considering fluctuation of a transmission capacity caused by a state change of a wireless propagation line in each path by a change of such as the weather could not be performed. Wireless transmission equipment of the present invention includes: a wireless section state monitoring means which monitors a state of a wireless section; an adaptive modulation control means which, corresponding to a change in the state of the wireless section detected by said wireless section state monitoring means, controls a modulation system; and a reliability value calculation means which calculates a reliability value of the wireless section based on information of a communication time in each modulation system outputted from the adaptive modulation control means.

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2013
(21) Application No.1438/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR COMPACTING COAL FOR A COAL COKING PROCESS

(51) International classification :C10B31/00,C10B31/08,F27D3/06
(31) Priority Document No :12/849192
(32) Priority Date :03/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046091
Filing Date :01/08/2011
(87) International Publication No :WO 2012/018712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RETORT Richard C.
3)SANOR John

(57) Abstract :
Relatively high speed methods for increasing the bulk density of coal particles without impacting the coal particles and an apparatus for compacting coal for making metallurgical coke. The method includes depositing coal particles onto a charging plate external to a coking oven. The charging plate has side walls and at least one movable end wall to provide an elongate bed of dry uncompacted coal having an upper surface on the charging plate. The uncompacted coal is compacted by passing a vibratory cylindrical compactor along a length of the uncompacted coal for a number of passes sufficient to decrease a thickness of the bed of coal to less than about 80 percent of an original thickness of the uncompacted coal. The vibratory cylindrical compactor has a length to diameter ratio ranging from about 1.4:1 to about 2:1.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012
(21) Application No.2698/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ROTARY ELECTRIC MACHINE

(51) International classification :H02K
(31) Priority Document No :2011-151637
(32) Priority Date :08/07/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TOSHIYUKI YAMAGISHI
3)TAKASHI NOMIYAMA
4)NAOTAKE YOSHIZAWA

(57) Abstract :
A rotary electric machine includes a stator; and a rotor including an iron core, which has a tubular connecting portion surrounding a shaft and 10 magnetic pole portions integrally formed with the connecting portion corresponding to a pole number, and a plurality of permanent magnets arranged between the magnetic pole portions. The iron core includes axially-penetrated magnet accommodating air gaps formed between the magnetic pole portions at the radial outer side of the connecting portion, and the permanent magnets are installed in the respective magnet accommodating air gaps such that a radial outer surface of each of the permanent magnets makes close contact with an inner surface of each of the magnet accommodating air gaps and such that a gap exists between a radial inner surface of each of the permanent magnets and the connecting portion.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2012
(21) Application No.9319/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD EQUIPMENT AND NODE FOR DETERMINING QUALITY OF SERVICE IN EACH SECTION OF LINK

(51) International classification :H04W28/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/071561
Filing Date :06/04/2010
(87) International Publication No :WO 2011/124011
(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)LENG Xiaobing
4)ZHANG Kaibin
5)SHEN Gang

(57) Abstract :
The embodiment of the invention provides a method and an equipment for determining Quality of Service (QoS) in each section of link. The method includes that: the target value of QoS in each section is determined at least based on overall requirement of QoS of the link according to the relationship between the QoS of each section and the overall QoS of the link. The technical solution of the invention provides secured QoS solution for multihop relay system with great extensibility and good backward compatibility and it is transparent to both of the core network and the user equipment.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012
(21) Application No.2886/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ROBOT SYSTEM

(51) International classification :B25J
(31) Priority Document No :2011-168722
(32) Priority Date :01/08/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KENJI MATSUFUJI

(57) Abstract :
A robot system includes a robot, at least one jig, a controller, and a determinator. The robot is configured to grip and rotate a shaft. The shaft is configured to accept an engagement member on a circumference surface of the shaft. The engagement member is configured to engage with an inner circumference surface of an annular part. The at least one jig is configured to fix the annular part. The controller is configured to control the robot to grip the shaft, where the annular part is fitted on the shaft, and is configured to control the robot to apply rotational force to the shaft with the annular part in contact with the at least one jig. The determinator is configured to determine whether the engagement member is mounted in the shaft based on a movement of the robot while the robot is applying the rotational force to the shaft.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012
(21) Application No.2887/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ENCODER AND SERVO MOTOR

(51) International classification :G01D
(31) Priority Document No :2011-277778
(32) Priority Date :20/12/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MASANOBU HARADA

(57) Abstract :
An encoder (100) comprises a first substrate (125) comprising a point light source (121) that emits light onto reflective slits formed on a disc (110) and a light-receiving element (122a, 123a) that receives light emitted from the point light source (121) and reflected by the reflective slits, a second substrate (130) onto which the first substrate (125) is mounted, a lustrous connecting portion (180) configured to electrically connect the first substrate (125) and the second substrate (130), and a covering material (190) configured to cover the connecting portion (180) in the manner that the point light source (121) and the light-receiving element (122a, 123 a) are exposed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2010
(21) Application No.3523/CHE/2010 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TEXTILE MACHINE

(51) International classification :b62k
(31) Priority Document No :2010-007452
(32) Priority Date :15/01/2010
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKASHI NAKAGAWA

(57) Abstract :
An automatic winder includes a unit body member, structural components, and pipes. The structural components are arranged in or near the unit body member. The pipes are made of an elastic material and supply a compressed air to the structural components to operate the structural components. The inner space of the unit body member is partitioned into first and second board arrangement compartments and first, second, and third air- pipe arrangement compartments by partition walls. In the unit body member, the pipes are arranged in the first, second, and third air-pipe arrangement compartments, and control boards are arranged in the first and second board arrangement compartments.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013
(21) Application No.2143/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MACHINE TYPE COMMUNICATIONS IN A RADIO NETWORK

(51) International classification :H04L29/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/062648
Filing Date :22/07/2011
(87) International Publication No :WO 2013/013697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AYDIN Osman
2)DOETSCH Uwe

(57) Abstract :
The invention relates to a method for providing information from a machine device in particular from a sensor device (S1) to a radio access network (RAN) comprising: transmitting by the machine device (S1) a plurality of Random Access Channel preambles (P1 to P3) over a Random Access Channel the information being encoded by transmitting the Random Access Channel preambles (P1 to P3) with frequency offsets (f) relative to each other. The invention also relates to a machine device in particular to a sensor device (Sn) adapted to perform the encoding and to a receiving device for decoding the encoded information.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012
(21) Application No.2391/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SCREW TERMINAL BLOCK, ELECTRIC MOTOR CONTROLLER, AND ELECTRICAL DEVICE

(51) International classification :H01R
(31) Priority Document No :2011-159167
(32) Priority Date :20/07/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)MAKOTO NAKAYA
3)TOMOYO TOHYAMA
4)SHIGEKATSU NAGATOMO

(57) Abstract :
Provided is a screw terminal block capable of connecting an electrical wire of a smaller size, an electric motor controller, and an electrical device. An electric motor controller with a screw terminal block including: a terminal fitting connected with a solderless terminal having a crimping portion crimped to wire cores of an electrical wire; a plate-shaped square washer having a cut-out portion in at least one edge thereof, the cut-out portion for avoiding interference with the crimping portion of the solderless terminal or the wire cores projecting from the crimping portion to an end of the electrical wire; and a terminal screw fixing the solderless terminal between the square washer and the terminal fitting.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013
(21) Application No.980/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DUAL PINION DRIVE SYSTEM

(51) International classification :G05B13/02,G05B19/19,G05B19/414
(31) Priority Document No :10172375.7
(32) Priority Date :10/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/063722
Filing Date :09/08/2011
(87) International Publication No :WO 2012/020031
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KELLER Robert
2)MERCANGOEZ Mehmet
3)PAPAFOTIOU Georgios

(57) Abstract :
A control system for controlling an electrical machine comprises a controller component which receives a first signal providing a measured parameter of the electrical machine and a second signal providing a first reference parameter of the electrical machine and using the first signal and second signal produces a first control signal a first filter component which receives the first signal from the electrical machine and uses the first signal to produce a second control signal and a second filter component operable to receive a third signal which relates to a reference parameter of a second electrical machine from that second electrical machine and to use the third signal to produce a third control signal. The system also includes a first output component which is operable to receive such a first control signal and such a second control signal and to combine said first and second control signals to produce a first output control signal for provision to said first electrical machine and a second output component operable to receive such a first control signal and such a third control signal and to combine such first and third control signals to produce a second output control signal for provision to a second electrical machine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1875/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : OFFLOAD READS AND WRITES

(51) International classification :G06F9/06,G06F9/44
(31) Priority Document No :12/888433
(32) Priority Date :23/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050739
Filing Date :07/09/2011
(87) International Publication No :WO 2012/039939
(61) Patent of Addition 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)NAGAR Rajeev
3)GREEN Dustin L.
4)SADOVSKY Vladimir
5)SMITH Malcolm James
6)MEHRA Karan

(57) Abstract :
Aspects of the subject matter described herein relate to offload reads and writes. In aspects a requestor that seeks to transfer data sends a request for a representation of the data. In response the requestor receives one or more tokens that represent the data. The requestor may then provide one or more of these tokens to a component with a request to write data represented by the one or more tokens. In some exemplary applications the component may use the one or more tokens to identify the data and may then read the data or logically write the data without additional interaction with the requestor. Tokens may be invalidated by request or based on other factors.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/2012
(21) Application No.2283/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MOTOR, MOTOR BRAKE, AND MOTOR MANUFACTURING METHOD

(51) International classification :F16D
(31) Priority Document No :2011-133388
(32) Priority Date :15/06/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NAOTAKE YOSHIZAWA

(57) Abstract :
To improve reliability of a brake. A motor 100 includes a motor electromagnetic section 3 and a brake section 4. The section 4 includes a field core 12 housing an exciting coil 19, an armature 13 movable axially of the shaft 1 relative to the core 12, and a brake hub 15 having a disk portion 15D frictionally engaged with the armature 13, and a cylindrical portion 15C fixed to a motor shaft 1. The portion 15C has, at an end part opposite to the disk portion 15D, two screw holes 24 for temporary fixing screws 35 for adjusting a gap G between the armature 13 and the core 12 and fixing screws correspondingly to the holes 24 and fixing the hub 15 to the shaft 1. The hole 24 and the screws 27 face each other.

No. of Pages : 53 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2012
(21) Application No.2341/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INJECTION MOLDING MACHINE

(51) International classification :B29C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TATSUYA SHIBATA
2)KENJI FUJITA

(57) Abstract :
The injection molding machine according to an embodiment includes an electricity storage device 33 configured to store electric power so as to be available during a power outage and a molding operation continuability judging part 213 configured to judge whether continuation of a molding operation by using the electric power stored in the electricity storage device 33 is possible at the time of occurrence of the power outage. The molding operation continuability judging part 213 judges that the continuation of the molding operation by using the electric power stored in the electricity storage device 33 is possible, if a time period where the injection molding machine can continue the molding operation without receiving supply of AC power from the AC source 10 is longer than or equal to an estimated time elapsing from occurrence of the power outage to a start of power feeding by an external power source.

No. of Pages : 27 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2013
(21) Application No.1939/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CHEMICAL COATING OF MICROWELL FOR ELECTROCHEMICAL DETECTION DEVICE

(51) International classification :G01N27/26
(31) Priority Document No :61/374676
(32) Priority Date :18/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048268
Filing Date :18/08/2011
(87) International Publication No :WO 2012/024500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HINZ Wolfgang
2)MAURO John Matthew
3)LI Shifeng
4)BUSTILLO James M.

(57) Abstract :
The described embodiments may provide a method of fabricating a chemical detection device. The method may comprise forming a microwell above a CMOS device. The microwell may comprise a bottom surface and sidewalls The method may further comprise applying a first chemical to be selectively attached to the bottom surface of the microwell forming a metal oxide layer on the sidewalls of the microwell and applying a second chemical to be selectively attached to the sidewalls of the microwell. The second chemical may lack an affinity to the first chemical.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2013
(21) Application No.599/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CATHODE BLOCK FOR AN ALUMINIUM ELECTROLYSIS CELL AND A PROCESS FOR THE PRODUCTION THEREOF

(51) International classification :C25C3/08
(31) Priority Document No :10 2010 038 669.3
(32) Priority Date :29/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/063082
Filing Date :29/07/2011
(87) International Publication No :WO 2012/013772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KUCHER Martin
2)TOMALA Janusz
3)HILTMANN Frank

(57) Abstract :
The invention relates to a cathode block for an aluminium electrolysis cell, comprising a composite layer which contains graphite and a hard material, such as TiB2. According to the invention, the hard material is present in a monomodal particle size distribution, where d50 is between 10 and 20 µm, in particular between 12 and 18 µm, in particular between 14 and 16 µm.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2013
(21) Application No.1358/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : NOVEL ENZYME PROTEIN PROCESS FOR PRODUCTION OF THE ENZYME PROTEIN AND GENE ENCODING THE ENZYME PROTEIN

(51) International classification :C12N15/09,C12N9/10
(31) Priority Document No :2010171688
(32) Priority Date :30/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067265
Filing Date :28/07/2011
(87) International Publication No :WO 2012/014980
(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)MINE Toshiki
2)YAMAMOTO Takeshi
3)KATAYAMA Sakurako

(57) Abstract :
The present invention relates to: a protein which does not have a neuraminidase activity substantially and has a galactoside a2 3 sialyltransferase activity; a nucleic acid which encodes the enzyme protein; and a process for producing the enzyme using a microorganism transformed with a gene encoding the protein. This protein is a modified enzyme protein produced by mutating a specific amino acid residue in a galactoside a2 3 sialyltransferase protein derived from a microorganism belonging to the family the genus to substantially inactive the neuraminidase activity of the protein.

No. of Pages : 64 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2013
(21) Application No.1560/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHODS AND APPARATUS FOR MANAGING A HANDOVER BETWEEN BASE STATIONS

(51) International classification :H04W36/00
(31) Priority Document No :1102883.4
(32) Priority Date :18/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/JP2012/054177
Filing Date :15/02/2012
(87) International Publication No :WO 2012/111844
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JHA Vivek

(57) Abstract :
A communication system is described in which a handover procedure is provided to allow a mobile device to transfer from a home base station connected to a core network via a home base station gateway to another base station not coupled via the home base station gateway. A novel extension to the handover procedure is provided in which the home base station gateway is informed of the transfer of the mobile device allowing context and resources assigned to the mobile device at the base station gateway to be released.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2013
(21) Application No.1966/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : FRESH WATER PRODUCING APPARATUS AND METHOD FOR OPERATING SAME

(51) International classification :C02F1/44,B01D61/58
(31) Priority Document No :2010182065
(32) Priority Date :17/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068238
Filing Date :10/08/2011
(87) International Publication No :WO 2012/023469
(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)TANIGUCHI Masahide
2)MAEDA Tomohiro

(57) Abstract :
A fresh water producing apparatus for producing fresh water from raw water containing solutes is disclosed. The fresh water producing apparatus comprises a first semipermeable membrane unit and a second semipermeable membrane unit. A first raw water supply line for supplying the raw water is connected to the first semipermeable membrane unit. A second raw water supply line for supplying the raw water is connected to the second semipermeable membrane unit. The first semipermeable membrane unit and the second semipermeable membrane unit are connected by a concentrated water line for supplying concentrated water of the first semipermeable membrane unit to the second semipermeable membrane unit.

No. of Pages : 75 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013
(21) Application No.936/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SEPARATION/DETECTION COLUMN AND KIT THEREOF

(51) International classification	:G01N30/88,G01N30/60,G01N30/80
(31) Priority Document No	:2010155628
(32) Priority Date	:08/07/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/065699
Filing Date	:08/07/2011
(87) International Publication No	:WO 2012/005353
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MINODA Toshiharu
2)IKEDA Isamu

(57) Abstract :
Disclosed is a separation/detection column that can detect a component separated by a separating agent having the same optical response as a component in a sample. The separation/detection column is configured from: one end of a tube (1) having ultraviolet transparency being filled by a first filler that has the ability to separate a component in the sample and has ultraviolet responsivity; with a spacer (4) comprising quartz wool therebetween the other end of the tube (1) being filled with a second filler that has a different ultraviolet responsivity from the first filler and does not have the aforementioned ability to separate; and an end cap (5) comprising quartz wool being inserted into said other end of the tube (1).

No. of Pages : 51 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013
(21) Application No.2123/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ELECTRONIC PASSPORT

(51) International classification :B42D15/10,B42D1/00
(31) Priority Document No :10425312.5
(32) Priority Date :24/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/054220
Filing Date :26/09/2011
(87) International Publication No :WO 2012/038940
(61) Patent of Addition 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)LUCIANI Laura

(57) Abstract :
An electronic passport (1) in the form of a booklet bearing a plurality of sheets (3 4 5) sewn thereamong at the respective longitudinal center lines comprising: a cover sheet (3) having a layer (31) made of fabric an electronic inlay (600) and an internal flyleaf layer (32) and embedding an electronic data storage means (6) provided with an antenna (60) for radio transmission; and a data sheet (4) made by a first (41) and a second (42) layer of plastic material which data sheet (4) defines a data page (401) bearing identification (ID) data of a subject and a connecting page (402) made fixed with the cover sheet (3) which data sheet (4) also comprises an intermediate layer of flexible material (43) extending at the centre line of sewing

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013
(21) Application No.2185/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INSTALLATION OF LEAKAGE BARRIERS TO ENHANCE YIELD OF MINERAL DEPOSITS IN UNLINED SOLAR POND SYSTEMS

(51) International classification :C04B14/10,C04B18/14,C04B28/04
(31) Priority Document No :61/385449
(32) Priority Date :22/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052769
Filing Date :22/09/2011
(87) International Publication No :WO 2012/040470
(61) Patent of Addition 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)BURTON Thomas S.
3)MILNE Corey R.
4)DAY Steven R.

(57) Abstract :
Slurry walls and methods of using those slurry walls to seal unlined solar ponds are provided. The slurry walls are formed from a mixture comprising clay and cement in water. A trench is keyed into the dike surrounding the solar pond down to a geotechnically predetermined level. The slurry is deposited into the trench and allowed to harden after which it is covered with a membrane or other covering. The inventive slurry walls reduce and preferably prevent leakage of water from the solar pond.

No. of Pages : 39 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2012
(21) Application No.3472/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SUPPORT STRUCTURE OF COKE DRUM

(51) International classification :C10B57/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/005394
Filing Date :15/10/2009
(87) International Publication No :WO 2011/045843 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHINTA NIIMOTO

(57) Abstract :
The support structure of a coke drum is provided in which the skirt joint part of the coke drum has improved durability. The coke drum comprises a cylindrical drum main body (1), an inverted-cone-shaped bottom plate (3) connected under the drum main body (1), and a cylindrical skirt (4) that supports the drum main body (1), and includes an annular joint piece (10) through which the drum main body (1), the bottom plate (3), and the skirt (4) have been jointed to one another, the joint piece (10) being an integral member composed of an upper barrel part (11) jointed to the lower end of the drum main body (1), a lower inner leg part (13) jointed to the upper end of the bottom plate (3), and a lower outer leg part (14) jointed to the upper end of the skirt (4). Since the joint piece (10) is in an integral form and the drum main body (1), the bottom plate (3), and the skirt (4) have been bonded with this joint piece (10), the coke drum has a structure in which there is no weld at the sites where stress concentrates. Because of this, fatigue endurance improves. Furthermore, the integral piece can have a shape less apt to suffer stress concentration, because the shape can be obtained by machine cutting.

No. of Pages : 39 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2013
(21) Application No.1515/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification :A61F13/15,A61F13/472,A61F13/534
(31) Priority Document No :2010223059
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072716
Filing Date :27/09/2011
(87) International Publication No :WO 2012/043851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KATO Nobuyuki
2)TAMURA Tatsuya
3)HAYASHI Toshihisa

(57) Abstract :
An absorbent article is provided in which the absorbent is resistant to twisting even when the absorbent article is worn for a long period of time and has a favorable sensation when contacting the skin of a wearer. The present invention discloses an absorbent article 1 provided with a liquid permeable top sheet 10 a liquid impermeable back sheet 20 provided at a location opposing the top sheet an absorbent 30 provided between the top sheet and the back sheet and a side sheet 40 provided on both sides of the top sheet in the widthwise direction and having an area that overlaps the top sheet and the absorbent wherein the absorbent contains an airlaid layer 32 and a crushed pulp layer 34 the crushed pulp layer is provided on the top sheet side the airlaid layer is provided on the back sheet side and the absorbent article has a plurality of indentations formed by pin embossing the top sheet the side sheet and the absorbent and a plurality of indentations formed by pin embossing the top sheet and the absorbent.

No. of Pages : 40 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2013
(21) Application No.186/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD OF MEASURING THE ELECTROOSMOTIC TRANSPORT COEFFICIENT OF A PROTON EXCHANGE MEMBRANE AND DEVICE FOR IMPLEMENTING SUCH A METHOD

(51) International classification :G01N13/04
(31) Priority Document No :1055571
(32) Priority Date :08/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051618
Filing Date :07/07/2011
(87) International Publication No :WO 2012/004538
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PENG Zhe
2)MORIN Arnaud

(57) Abstract :
The invention relates to a method of determining the electroosmotic transport coefficient (K) of a proton exchange membrane (1) which method is more reliable and more accurate than the methods of the prior art and is easier to implement and under more representative conditions. To do so the method consists in creating a stream of hydrated hydrogen on either side of the membrane (1) which is permanently controlled so that the relative humidity is almost identical on each side of the membrane at any point thereby making it possible to minimise any back diffusion into the membrane. Furthermore the method according to the invention preferably includes a step of estimating the back diffusion flux into the membrane from the rate of return to equilibrium of the relative humidity starting from the moment when the current is cut off.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013
(21) Application No.2100/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : NOZZLE FOR APPLYING A COATING AGENT

(51) International classification :B05B13/06,B05B15/06
(31) Priority Document No :10 2010 034 921.6
(32) Priority Date :20/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004143
Filing Date :17/08/2011
(87) International Publication No :WO 2012/022477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)IPR INTELLIGENTE PERIPHERIEN FR ROBOTER GMBH
(72)**Name of Inventor :**
1)STR–HLEIN Stefan
2)ENGELHART Marc

(57) Abstract :
The invention relates to a nozzle (1) for applying a coating agent in particular for applying wax when sealing a seam or for applying a preserving agent when preserving a hollow space on a vehicle body component comprising an elongated hollow lance (4) for feeding the coating agent to be applied through the lance (4) along the longitudinal axis (17) of said lance and comprising at least one nozzle opening (10 11) for dispensing the coating agent. The nozzle opening (10 11) lies in the lateral face of the lance (4) and the coating agent is dispensed in a lateral manner with respect to the longitudinal axis (17) of the lance (4). The nozzle opening (10 11) can be rotated about the longitudinal axis (17) of the lance (4) so that the coating agent can be dispensed in different directions in a corresponding manner to the angular position of the nozzle opening (10 11).

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.1792/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A METHOD AND APPARATUS FOR DECREASING FUEL CONSUMPTION DURING PARTICULATE FILTER REGENERATION

(51) International classification :F02D41/02,F01N9/00
(31) Priority Document No :61/381,290
(32) Priority Date :09/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050190
Filing Date :01/09/2011
(87) International Publication No :WO 2012/033704 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KOTNIS Ashish

(57) Abstract :
A diesel particulate filter system comprising: a temperature sensor on the inlet side of the diesel particulate filter; a temperature sensor on the outlet side of the diesel particulate filter; a pressure sensor on the inlet side of the diesel particulate filter; and a control module in communication with the temperature sensors and the pressure sensor and the control module is loaded with a look up table that correlates the amount of soot loaded in the diesel particulate filter to a change in pressure measured by the pressure sensor; wherein the control module Initiates a regeneration cycle when soot loading of the diesel particulate filter achieves a predetermined soot load.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2013
(21) Application No.543/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : WATERPROOF CONNECTOR

(51) International classification :H01R13/52,H01R12/77
(31) Priority Document No :2010167081
(32) Priority Date :26/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066949
Filing Date :26/07/2011
(87) International Publication No :WO 2012/014884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JINNO Keishi

(57) Abstract :
Disclosed is a waterproof connector that can reliably hold the connector housing of a plate shaped cable. The waterproof connector (1) is provided with: a plate shaped cable (3) provided with a plurality of conductor sections; a connector housing (7) provided with a rectangular insertion opening (23) into which the plate shaped cable (3) is inserted; a sealing member (5) through which the plate shaped cable (3) is passed and that seals between the insertion opening (23) and the plate shaped cable (3); and a holder (9) that holds the plate shaped cable (3) with respect to the insertion opening (23) and that is provided with a lock section that covers the outer periphery of the connector housing (7) aperture end section (32) to which the insertion opening (23) is formed and thus engages the aperture end section (32). A plurality of bosses (45) that are passed through a plurality of connector side through holes (41) provided respectively to the top and bottom surfaces of the aperture end section (32) are caused to protrude from the holder (9); a plurality of cable side through holes (13) through which the plurality of bosses (45) are passed are formed in the plate shaped cable (3) at the rear end of the sealing member (5) in the direction of insertion into the connector holder (7); and the rear end surface (5a) of the sealing member (5) abuts the plurality of bosses (45) passed through the plurality of cable side through holes (13).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1839/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : USE OF A REACTOR HAVING AN INTEGRATED HEAT EXCHANGER IN A METHOD FOR HYDRODECHLORINATING SILICON TETRACHLORIDE

(51) International classification :C01B33/107
(31) Priority Document No :10 2010 039 267.7
(32) Priority Date :12/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061911
Filing Date :13/07/2011
(87) International Publication No :WO 2012/019856
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)–NAL Y¼cel
3)SAUER Jrg
4)STOCHNIOL Guido
5)PAULI Ingo

(57) Abstract :
The invention relates to a method for converting silicon tetrachloride by means of hydrogen to form trichlorosilane in a modified hydrodechlorination reactor. The invention further relates to a the use of such a modified hydrodechlorination reactor as an integrated component of a system for producing trichlorosilane from metallurgical silicon.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2013
(21) Application No.1965/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : HUMAN FACILITATING CELLS AND USES THEREOF

(51) International classification :C12N5/071,C12N5/0789,A61K35/12
(31) Priority Document No :61/374460
(32) Priority Date :17/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048120
Filing Date :17/08/2011
(87) International Publication No :WO 2012/024427
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present disclosure relates to human facilitating cells (hFC) and methods of isolating characterizing and using such hFCs.

No. of Pages : 76 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013
(21) Application No.820/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : COMPOSITE MATERIAL MADE OF A MATERIAL CONTAINING CELLULOSE AND A PLASTIC MATERIAL

(51) International classification :C08L33/12,C08L97/02
(31) Priority Document No :102010030927.3
(32) Priority Date :05/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059008
Filing Date :01/06/2011
(87) International Publication No :WO 2012/004060
(61) Patent of Addition 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)CARLOFF R¼diger
4)SCHULTES Klaus
5)KHRENOV Victor
6)REINHEIMER Eric

(57) Abstract :
The invention relates to novel composite materials which are made of at least one material containing cellulose preferably wood and at least one plastic material and which have improved mechanical and weather resistance properties.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013
(21) Application No.1075/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : HIGH DIMENSIONAL STABILITY POLYESTER COMPOSITIONS

(51) International classification :C08L67/03,C08G63/183,C08K7/14
(31) Priority Document No :61/363674
(32) Priority Date :13/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043165
Filing Date :07/07/2011
(87) International Publication No :WO 2012/009201
(61) Patent of Addition 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)BRADSHAW Simon Paul
2)COLEMAN Peter John
3)JENKINS Stephen Derek
4)MEHTA Sanjay
5)MATHIAS Lon J.

(57) Abstract :
The invention relates to a composition comprising a polyester a photoreactive comonomer and a co reactant wherein the co reactant comprises at least one member selected from the group consisting of an unsaturated diol an unsaturated aliphatic diacid an unsaturated aromatic diacid an unsaturated aliphatic ester an unsaturated aromatic ester an unsaturated anhydride and mixtures thereof. Other aspects of the present invention include articles produced from these compositions and processes for producing these compositions.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.1790/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PROCESS FOR PREPARING POLYETHER ALCOHOLS

(51) International classification :C08G65/00
(31) Priority Document No :10 2010 039 090.9
(32) Priority Date :09/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/063646
Filing Date :08/08/2011
(87) International Publication No :WO 2012/020005
(61) Patent of Addition 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)STOESSER Michael
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4)BOEHLING Ralf
5)ZARBAKHSH Sirus

(57) Abstract :
What is proposed is a process for preparing polyether alcohols by conversion of the following reactants: a) one or more alkylene oxides and optionally carbon dioxide and b) one or more H functional starter substances in the presence of a catalyst to form a liquid reaction mixture in a reaction unit (1) which is characterized in that the reaction unit (1) has internals (2) which form a multitude of microstructured flow channels which bring about multiple splitting of the liquid reaction mixture into component flow paths and recombination thereof in altered arrangement the multiple splitting and recombination being repeated several times and the microstructured flow channels having a characteristic dimension which is defined as the greatest possible distance of any particle in the liquid reaction mixture from the wall of a flow channel closest to the particle in the range from 20 to 10 000 µm the result being that the flow profile of the liquid reaction mixture approximates to ideal plug flow as a result of the microstructured flow channels.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2012
(21) Application No.2340/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INJECTION MOLDING MACHINE

(51) International classification :B29C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MOTOFUMI SUZUKI
2)TATSUYA SHIBATA

(57) Abstract :
The injection molding machine according to an embodiment comprises an electricity storage device 23 configured to store electric power so as to be available during a power outage and a recovery operation necessity judging part 212 which judges at the time of power recovery whether a recovery operation for restarting a molding operation shut down by occurrence of a power outage is necessary. The recovery operation necessity judging part 212 automatically restarts the molding operation shut down by occurrence of a power outage without operator intervention if the recovery operation necessity judging part judges that the recovery operation is unnecessary.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2013
(21) Application No.1705/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE METHOD OF PROCESSING INFORMATION AND PROGRAM

(51) International classification :G06F3/048,G06T19/00
(31) Priority Document No :2010202042
(32) Priority Date :09/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069882
Filing Date :01/09/2011
(87) International Publication No :WO 2012/032996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)UGAI Takeo
3)MINAMI Nobuyuki

(57) Abstract :
The present invention relates to an information processing device a method of processing information and a program which effectuate intuitive operation of directing the moving of an object in a virtual three dimensional space and so forth by an operator who performs an operation while seeing an image of the virtual three dimensional space. An information processing device according to this disclosure comprises a control unit which changes an image in the virtual three dimensional space by responding to the input of parameters in the three axis directions using a three dimensional operating unit controlling a computer generated (CG) image generating unit and changing the control amount of the CG image generating unit corresponding the inputted parameters depending on whether it is the case that a virtual camera or an object is associated with the three dimensional operating unit. This disclosure can be applied to a video editing device for editing broadcast images.

No. of Pages : 65 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2013
(21) Application No.1952/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : DISULFIDE OR THIOL POLYMERIC HAIR DYES

(51) International classification :C09B62/78,C09B69/10,A61Q5/10
(31) Priority Document No :61/374279
(32) Priority Date :17/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/064022
Filing Date :15/08/2011
(87) International Publication No :WO 2012/022709 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CREMER Christian
3)FR–HLING Beate

(57) Abstract :
The present invention relates to the reaction product of (A) a polymeric backbone with (B) A chromophore; and with (C) at least one sulfide containing compound. Very good dyeing results are obtained with this new technology.

No. of Pages : 52 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013
(21) Application No.2215/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : GATEWAY SERVER METHOD OF COMMUNICATION CONTROL FOR SAME AND GATEWAY SYSTEM

(51) International classification	:H04W8/26,H04W84/10,H04W88/16
(31) Priority Document No	:2010213366
(32) Priority Date	:24/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/003293
Filing Date	:10/06/2011
(87) International Publication No	:WO 2012/039082
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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(57) Abstract :
To improve the precision with which a UE moving in and/or out of the service area of a femtocell is detected there is provided a gateway (110_1) that constitutes part of a gateway system and is adapted to relay traffic between a core network (20) and a base station (30_2). When a TMSI or a P TMSI temporarily assigned to a mobile device (40_1) that has requested to enter the service area of the base station (30_2) is received from the base station (30_2) via a public network a request is made that a server (120) in communication with the core network (20) and the gateway (110_1) be notified of the IMSI permanently assigned to the mobile device (40_1) and associated with the TMSI or P TMSI. The server (120) obtains the IMSI from the core network (20) in accordance with the request and informs the gateway (110_1). The gateway (110_1) identifies the mobile device (40_1) using the IMSI.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012
(21) Application No.2814/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ROTATING ELECTRIC MACHINE

(51) International classification :H02K
(31) Priority Document No :2011-154387
(32) Priority Date :13/07/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SOHJI MURAKAMI
2)HARUKI YAHARA

(57) Abstract :
To provide a rotating electric machine capable of suppressing a reduction in the amount of magnetic flux that flows from a rotor core and reaches a stator core. A motor 100 (rotating electric machine) includes a rotor core 22, stator teeth 11 arranged to face an outer peripheral portion of the rotor core 22, and permanent magnets 23a and 23b that extend in a radial direction from a position near an inner peripheral portion of the rotor core 22 to a position near the outer peripheral portion of the rotor core 22 and extends in an axial direction so as to have a portion that projects from an end face of the rotor core in the axial direction.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2013
(21) Application No.40/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ANELLATED PYRIDINE COMPOUNDS

(51) International classification	:C07D491/048,C07D495/04,A61K31/496
(31) Priority Document No	:10168490.0
(32) Priority Date	:06/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/061167 :04/07/2011
(87) International Publication No	:WO 2012/004206
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)RODRIGUEZ SARMIENTO Rosa Maria
3)WICHMANN Juergen

(57) Abstract :
The present invention is concerned with novel dual modulators of the 5 HT2A and D3 receptors of formula (I) wherein X Y A R R and R are as described herein as well as pharmaceutically acceptable salts and esters thereof. Further the present invention is concerned with the manufacture of the compounds of formula (I) pharmaceutical compositions comprising them and their use as medicaments.

No. of Pages : 88 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1871/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : APPARATUS AND METHOD FOR REFINING A PROCESS LIQUOR BY GRAVITY SETTLING

(51) International classification :B01D21/02,C01F7/46
(31) Priority Document No :2010903637
(32) Priority Date :13/08/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/CA2011/000911
Filing Date :10/08/2011
(87) International Publication No :WO 2012/019287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAROUCHE Alain
3)BOIVIN Alain
4)ST LAURENT Matthieu
5)GIRARD Rgis
6)SIMARD Guy

(57) Abstract :
An apparatus for refining a process liquor that includes solids which apparatus includes a vessel having a base and a side wall that define an internal volume for containing the process liquor and for allowing gravity settling of the solids in the liquor whereby to produce a refined liquor toward a top of the internal volume and a slurry toward a bottom of the internal volume the apparatus further includes solids displacement elements disposed within the internal volume for directing settled solids and/or settling solids in the vicinity of the side wall or of the base toward a flow path of the slurry being extracted from the slurry outlet. A processing plant including the above refining apparatus and a method for refining a process liquor.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013
(21) Application No.2176/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : CONTROL UNIT SUPPORT STRUCTURE FOR VEHICLE

(51) International classification :B60K1/00,B60K6/26,B60K6/40
(31) Priority Document No :2011159355
(32) Priority Date :20/07/2011
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2012/068190
Filing Date :18/07/2012
(87) International Publication No :WO 2013/012001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUKAZU Tomohiro
3)NAKAUNE Takafumi
4)KOBAYASHI Tsuyoshi

(57) Abstract :
The inner side section (23) of a support frame for a PCU (5) is disposed so as to be tiled downward and rearward. A rear support bracket (26) which connects the rear side section (24) of the support frame to a dashboard upper portion is disposed so as to be tilted upward and rearward. When a load is inputted into the support frame from in front of the vehicle the frame body and the PCU are pressed obliquely downward and rearward and the pressing causes the rear support bracket (26) to pivot and be displaced. As a result the support frame and the PCU are displaced obliquely downward and rearward.

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2012
(21) Application No.9603/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MULTI BAND HIGH EFFICIENCY DOHERTY AMPLIFIER

(51) International classification :H03F1/02,H03F3/24,H03F1/56
(31) Priority Document No :12/801014
(32) Priority Date :17/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/001451
Filing Date :17/05/2011
(87) International Publication No :WO 2011/145002
(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)ACIMOVIC Igor
2)OUTALEB Noureddine

(57) Abstract :
The present invention relates to a Multi Band Doherty amplifier. Embodiments of the present invention provide an amplifying structure including a main amplifier (110) configured to amplify a first signal a peak amplifier (115) configured to amplify a second signal a tunable impedance inverter (120) configured to perform impedance inversion to modulate a load impedance of the main amplifier (110) and a combining node(116) configured to receive the amplified second signal from the peak amplifier (115) and an output of the tunable impedance inverter (120). The tunable impedance inverter (120) includes a tuner (131) configured to tune the impedance inversion over at least one broad frequency band. The tuner is (i) at least one capacitor (i) at least one varactor or (ii) at least one open stub shunted by a diode.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013
(21) Application No.1022/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : PROCESS FOR PRODUCING MAGNETIC GRANULAR EXPANDED GLASS AND GRANULAR EXPANDED GLASS PRODUCED THEREBY

(51) International classification :C03C11/00,C03C14/00,C12M1/107
(31) Priority Document No :10 2010 039 232.4
(32) Priority Date :12/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/063695
Filing Date :09/08/2011
(87) International Publication No :WO 2012/020017
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WEINBERGER Karl
3)KUMPF Peter
4)SOHLING Ulrich
5)RUF Friedrich
6)NEITMANN Elisabeth

(57) Abstract :
A process for producing magnetic granular expanded glass comprises the following process steps: ground glass and magnetic pigments of one or more ferrimagnetic materials are mixed said mixture is dispersed to form a first premixture at least some of said first premixture is mixed with expanding agent binder and water to form a homogeneous slurry the slurry is granulated using the remnant of the first premixture which possibly remains to form magnetic granular expanded glass green bodies and the granular expanded glass green bodies are foamed to form magnetic granular expanded glass particles at temperatures of 600°C to 950°C.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012
(21) Application No.10536/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ESCAPEMENT SYSTEM FOR TIMEPIECE

(51) International classification :G04B15/14
(31) Priority Document No :10166938.0
(32) Priority Date :22/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060511
Filing Date :22/06/2011
(87) International Publication No :WO 2011/161193 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WINKLER Yves
3)VERARDO Marco

(57) Abstract :
The invention relates to an escapement system (1). This system comprises a pallet (7) equipped with a fork intended to collaborate with a pin mounted on a plate (5) and with a rod comprising arms intended to accept pallet stones (21) so as to collaborate with at least one escapement wheel (23). Part of the escapement system is made of an at least partially amorphous metal alloy.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013
(21) Application No.1054/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : TRANSMITTER RECEIVER AND WIRELESS COMMUNICATION METHOD

(51) International classification :H04J11/00,H04L27/01
(31) Priority Document No :2010179584
(32) Priority Date :10/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068272
Filing Date :10/08/2011
(87) International Publication No :WO 2012/020797
(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)KAWAMURA Teruo

(57) Abstract :
The purpose of the present invention is to provide a transmitter a receiver and a wireless communication method which can suppress the increase in the overhead due to the insertion of a reference signal without inviting deterioration in the channel estimation accuracy. The wireless communication method of mapping and transmitting a reference signal on wireless resources of a plurality of layers comprises a step for generating a reference signal a step for over sampling the reference signal and a step for mapping the over sampled reference signal respectively onto each of the resource elements of each layer wherein the reference signal mapped between different layers is frequency division multiplexed inside one resource element with the same time/frequency domain.

No. of Pages : 79 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2013
(21) Application No.1947/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A DEVICE AND METHOD FOR FEEDING CHARGES OF NON HOMOGENEOUS INFUSION MATERIAL TO A PACKAGING MACHINE.

(51) International classification :B65B1/36,B65B29/02,G01F11/24
(31) Priority Document No :BO2010A000561
(32) Priority Date :16/09/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/053943
Filing Date :09/09/2011
(87) International Publication No :WO 2012/035473
(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)LIBRIO Lucio

(57) Abstract :
A device for feeding charges of non homogeneous infusion material to a packaging machine comprises metering means 4 for the charges 2 and transfer means 5 for the charges 2 which are positioned downstream of the metering means 4 and which feed the charges 2 to the packaging machine 3. The transfer means 5 comprise charge 2 adjustment means 7 equipped with a drum 14 which is rotatable about its own axis A and at least one roller 15 which is rotatable about its own axis B and which is located upstream of the drum 14. The drum 14 comprises a chamber 22 for receiving the charge 2 from the roller 15. During adjustment of the charge 2 the chamber 22 is variable between a maximum value coinciding with the receiving step and a minimum value when the charge 2 has been adjusted.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013
(21) Application No.2225/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A CONTROL MODULE HAVING A CLUTCH FOR RAISING AND LOWERING A WINDOW SHADE

(51) International classification :E06B9/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/002337
Filing Date :25/08/2010
(87) International Publication No :WO 2012/026912 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YU Fu Lai
2)HUANG Chin Tien

(57) Abstract :
A control module may be used for raising and lowering a window shade. This configuration allows a user to pull the operating cord a predetermined distance to raise the window shade then release the operating cord until it has retracted and then pull the operating cord another predetermined distance to raise the window shade again. A brake mechanism is operably connected to a brake release and configured to lock or unlock the drive axle. A clutch is adapted to be mounted on the axle for selectively engaging the cord drum to the axle. The cord drum may rotate independent of the drive axle when a clutch is disengaged from the drive axle. As a result movement of the operating cord will not cause the window shade to raise while the clutch is disengaged. When the clutch is engaged with the drive axle the cord drum and adapter sleeve may rotate together to drive the rotation of the drive axle for raising the window shade.

No. of Pages : 49 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012
(21) Application No.2637/CHE/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SPINNING UNIT AND SPINNING MACHINE

(51) International classification :D01H
(31) Priority Document No :2011-205327
(32) Priority Date :20/09/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MASAKI OKA

(57) Abstract :
A spinning unit includes a drafting device and a spinning device that supply a spun yarn, a winding device that winds the spun yarn to form a package, a unit frame that supports the drafting device, the spinning device, and the winding device, and a yarn processing module (80) that is detachably mounted on the unit frame. The yarn processing module (80) includes a yarn pooling device (50) that pools the spun yarn between the drafting device and the spinning device, and the winding device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2012
(21) Application No.9285/CHENP/2012 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : COMPOSITIONS AND METHODS USEFUL FOR REDUCING THE VISCOSITY OF PROTEIN CONTAINING FORMULATIONS

(51) International classification :A61K39/395,C07K16/28,A61K47/18
(31) Priority Document No :61/330689
(32) Priority Date :03/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/034001
Filing Date :26/04/2011
(87) International Publication No :WO 2011/139718
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BOWEN Mayumi N.
2)LIU Jun
3)PATEL Ankit R.

(57) Abstract :
The invention relates to use of certain compounds including for example certain charged amino acids and structural analogs thereof for reducing the viscosity of aqueous protein containing formulations. Associated compositions of matter and methods of use are also contemplated within the present invention.

No. of Pages : 63 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013
(21) Application No.973/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD FOR DECOMPOSING ORGANIC SUBSTANCE INTO LOWER MOLECULES AND METHOD FOR UTILIZING EXHAUST GAS GENERATED BY METALLURGICAL FURNACE

(51) International classification :C10G1/00,C01B3/16,C02F11/00
(31) Priority Document No :2010194553
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004812
Filing Date :30/08/2011
(87) International Publication No :WO 2012/029283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)SAIMA Hitoshi
7)FUJIBAYASHI Akio

(57) Abstract :
A method for decomposing an organic substance into lower molecules is provided. In this method an organic substance is decomposed into lower molecules and converted into gaseous fuel liquid fuel or the like. In this process the organic substance can be efficiently reformed and decomposed into lower molecules using a stable supply of gas to obtain a reformate containing minimal amounts of heavy fractions or carbonaceous materials and large amounts of light fractions. The method can be implemented using relatively simple equipment. An excess of steam is added to an off gas (g) that contains carbon monoxide and is generated by a metallurgical furnace and a shift reaction is performed to obtain a mixed gas (g) containing the hydrogen and carbon dioxide generated by the shift reaction and the steam not consumed by the shift reaction. The mixed gas (g) is brought into contact with the organic substance and the organic substance is reformed and decomposed into lower molecules. Reforming of the organic substance involves four simultaneously occurring reactions: hydrogenation hydrogenolysis steam reforming and carbon dioxide reforming allowing decomposition of the organic substance into lower molecules to be facilitated efficiently even at a relatively low reaction temperature.

No. of Pages : 83 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.1767/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ABOVE DECK ROOF VENTING ARTICLE

(51) International classification :E04B1/70
(31) Priority Document No :61/380863
(32) Priority Date :08/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050664
Filing Date :07/09/2011
(87) International Publication No :WO 2012/033816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A roofing article having a body a first channel defined within an upper portion of said body having an inlet through which outside air can enter the first channel and a second channel defined in a lower portion of said body. A sheet separates the second channel from the first channel. The second channel is operably connected to the first channel through an orifice in the sheet such that the outside air can enter the second channel through the orifice.

No. of Pages : 46 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013
(21) Application No.1768/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SWITCHABLE PRIVACY FILTER

(51) International classification :G02F1/137,G02F1/01
(31) Priority Document No :61/381242
(32) Priority Date :09/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046883
Filing Date :08/08/2011
(87) International Publication No :WO 2012/033583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The disclosure generally relates to optical elements such as switchable privacy filters useful for displaying information in at least two modes. In the first mode the viewing angle can be limited to restrict viewing to near normal orientations. In the second mode the viewing angle can be increased so that the information can be viewed at larger oblique angles. The disclosure also relates to switchable privacy displays that include the switchable privacy filters.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013
(21) Application No.2181/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : REDUCING CRIMPING DAMAGE TO POLYMER SCAFFOLD

(51) International classification :A61F2/84
(31) Priority Document No :12/861719
(32) Priority Date :23/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048117
Filing Date :17/08/2011
(87) International Publication No :WO 2012/027172
(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)NGUYEN Hung T.
4)MUELLER Scott H.
5)YAN Kathleen

(57) Abstract :
A medical device includes a polymer scaffold crimped to a catheter having an expansion balloon. The scaffold is crimped to the catheter by a multi step process for increasing scaffold catheter yield following a crimping sequence. Damage reduction during a crimping sequence includes modifying blades of a crimper adopting a multi step crimping sequence and inflating a supporting balloon to support the scaffold during crimping.

No. of Pages : 58 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013
(21) Application No.1868/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : POS SYSTEM WEIGHT CHECKER AND POS SYSTEM CONTROL METHOD

(51) International classification :G07G1/12,G07G1/00
(31) Priority Document No :2010251040
(32) Priority Date :09/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056496
Filing Date :11/03/2011
(87) International Publication No :WO 2012/063505
(61) Patent of Addition 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)TAZAWA Hideyuki

(57) Abstract :
The purpose of the present invention is to provide a POS system weight checker and POS system control method that improve the efficiency of product verification. Said POS system is provided with: an input means (40) via which purchases are inputted; a storage means (31) that stores product information including the individual theoretical weight of each product; a computation means (34a) that computes the theoretical total weight of products being purchased on the basis of the product information and inputted information including the types and quantities of the products being purchased; a weight measurement means (81) that measures the actual total weight of the products being purchased in bags; a determination means (74a) that compares the theoretical total weight and actual total weight and if there is a difference therebetween identifies from among the products being purchased a secondary product and/or ancillary product with a weight close to the weight difference; and an output means (73a) that outputs the identified secondary product and/or ancillary product as a candidate product corresponding to the weight difference.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2013
(21) Application No.2173/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ELECTROLYSIS CELL FOR EXTRACTING ALUMINIUM

(51) International classification :C25C3/08
(31) Priority Document No :10 2010 041 083.7
(32) Priority Date :20/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/066321
Filing Date :20/09/2011
(87) International Publication No :WO 2012/038426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HILTMANN Frank
3)DAIMER Johann
4)BANEK Manfred

(57) Abstract :
The invention relates to an electrolysis cell for extracting aluminium from its oxide comprising a cathode (1) and at least one lateral wall (1a) which together define a basin (1c). At least one raised part (1d) is formed inside the basin (1c) extending from the cathode (1) or a lateral wall (1a) into the basin (1c).

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013
(21) Application No.258/CHENP/2013 A
(43) Publication Date : 03/10/2014

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

(51) International classification :B01D61/36,B01D71/02,B01D71/64
(31) Priority Document No :2010-176499
(32) Priority Date :05/08/2010
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2011/004306
Filing Date :29/07/2011
(87) International Publication No :WO 2012/017628 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HIDAKA Ryohta
3)ISHIBASHI Yoichi
4)KANSHA Yasuki
5)TSUTSUMI Atsushi

(57) Abstract :
To provide a membrane separation apparatus and a membrane separation method capable of reducing energy consumption. 51 [Solution] A membrane separation apparatus (10) includes: a membrane separator (20) supplied with a fluid (X) containing a component (A) and a component (B) and separating the fluid (X) into a fluid (Y) having a higher concentration of the component (A) than the fluid (X) and a fluid (Z) having a lower concentration of the component (A) than the fluid (X) by using a separation membrane; a first compressor (21) adiabatically compressing the fluid (Y); a first heat exchanger (11) to which the fluid (Y) adiabatically compressed by the first compressor (21) is introduced as a heat source; and a second heat exchanger (12) to which the fluid (Z) is introduced as a heat source. The fluid (X) is divided and conveyed by first and second supply lines (31, 32), the divided fluids (X) are heated by the first and second heat exchangers (11, 12), respectively, then merged and supplied to the membrane separator (20) .

No. of Pages : 61 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2013
(21) Application No.1949/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : ELASTOMER COMPOSITE WITH SILICA CONTAINING FILLER AND METHODS TO PRODUCE SAME

(51) International classification :C08K3/04,C08K3/36,C08K5/00
(31) Priority Document No :61/383182
(32) Priority Date :15/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2011/051584
Filing Date :14/09/2011
(87) International Publication No :WO 2012/037244
(61) Patent of Addition 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)MORRIS Michael D.
2)PRAKASH Anand
3)RUMPF Frederick H.

(57) Abstract :
An elastomer composite with silica containing filler is described along with methods to make the same. The advantages achieved with the elastomer composite and methods are further described.

No. of Pages : 83 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013
(21) Application No.2132/CHENP/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : GRAPHICAL USER INTERFACE

(51) International classification :G06F3/048,G06Q10/00
(31) Priority Document No :1483/10
(32) Priority Date :15/09/2010
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2011/000215
Filing Date :13/09/2011
(87) International Publication No :WO 2012/034245
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FERAG AG
Address of Applicant :Z¼richstrasse 74 CH 8340 Hinwil Switzerland
(72)**Name of Inventor :**
1)CORVO Maurizio

(57) Abstract :
The invention relates to a computer implemented graphical user interface (6) comprising a work area and multiple widgets (W13 W13a W13b W13c) that are arranged on the work area such that said widgets are visible to the user. Each output widget (W13) comprises one or more content windows (F13) with data elements. The widgets (W13 W13a W13b W13c) and the content windows (F13) are coupled such that a content window (F13) and/or data elements that are selected in said window can be moved by the user from an output widget (W13) in which said content window and/or data elements are arranged into one of multiple possible target widgets (W13a W13b W13c) that are visible to the user for processing.

No. of Pages : 71 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014
(21) Application No.333/KOL/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : REMOVABLE ELEMENT FOR AN ELECTRIC MODULAR APPARATUS COMPRISING A PIVOTING HANDLE

(51) International classification :H01R 4/00
(31) Priority Document No :1352914
(32) Priority Date :29/03/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LEGRAND FRANCE
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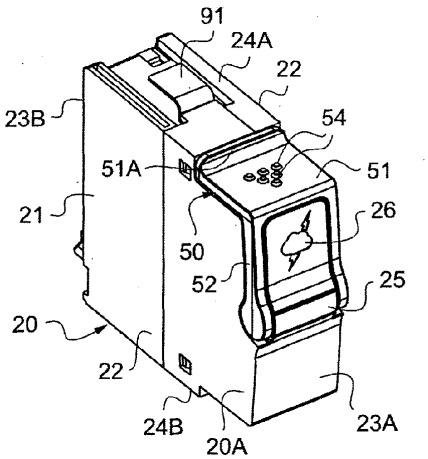
2)LEGRAND SNC
(72)**Name of Inventor :**
1)FAUVET PHILIPPE

(57) Abstract :
The invention provides a removable element (20) for fitting in a housing of a base of an electrical module for mounting on a support rail, the removable element comprising an insulating casing (21) of generally rectangular parallelepiped shape, presenting a front face that is accessible to the user, two parallel main side faces that extend over the height of the casing, and two opposite transverse faces, and grip means for gripping the casing. In the invention, said grip means comprise a handle(50) presenting an L-shape with a mounting branch (52) that is pivotally mounted on the casing, and a grip branch (51) for pivoting the handle between a folded-up position in which said handle extends along a portion of the front face and of one of the two transverse faces of said casing adjacent to said front face, and a deployed position in which said handle projects from the casing, starting from the front face of said casing.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.401/KOL/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR BURNING HYDROCARBONS AND OTHER LIQUIDS AND GASES

(51) International classification :B01D 53/00
(31) Priority Document No :PCT/FI2013/050340
(32) Priority Date :27/03/2013
(33) Name of priority country :Finland
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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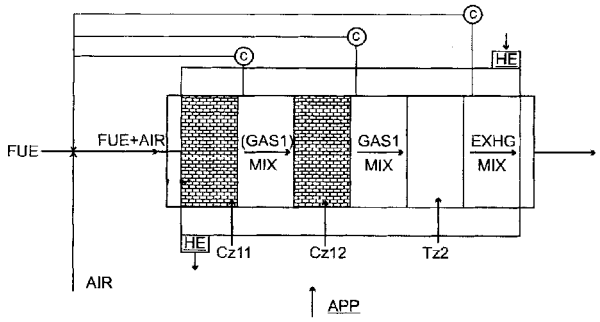
1)LYLYKANGAS, REIJO
2)PEKKOLA, EERO
3)TULOKAS, TERO

(57) Abstract :
The invention relates to a method and apparatus for burning hydrocarbons or other combustible liquids and gases, as well as to the manufacture and use of such an apparatus. An apparatus (APP) has been provided with at least one inlet for a liquid and/or gaseous fuel (FUE) and air (AIR) and at least one outlet (EXHG) for gases for removing the gases (EXHG) generated in the apparatus (APP), as well as at least one measurement and adjustment unit (C) for adjusting the amount of fuel (FUE) and air (AIR), and that the apparatus (APP) has been provided with at least one pre-combustion zone (Cz11, Cz12, Tz1) for the partial combustion of gases, and that the apparatus comprises at least one post-combustion zone (Tz2, Cz21, Cz22) for the combustion of gases generated in pre-combustion, for the reduction of NOx's produced in pre-combustion, and/or for the oxidation of hydro carbon and carbon monoxide emissions.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/10/2009

(21) Application No.1281/KOL/2009 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : BUNDH-CUM-HATCHING POOL - AN IMPROVED MODIFIED INTEGRATRED FISH HATCHERY

(51) International classification :A23K1/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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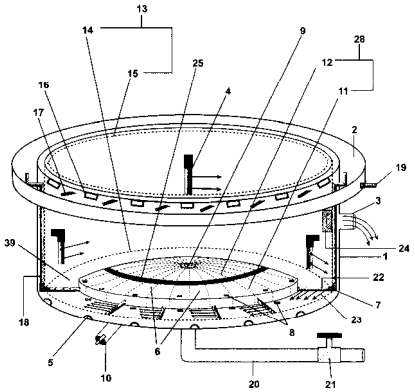
(72)**Name of Inventor :**
1)BAIRAGYA CHANDRA NARAYAN

(57) Abstract :
An improvised design of Bundh-cum-Hatching pool fish hatchery is innovated to remove the difficulties and to increase the efficacy and effectiveness of conventional hatchery system for augmenting the fish spawn production. A scientific comparison in regard to infrastructural and functional potentiality for fish spawn production in Bundh-cum-Hatching Pool fish hatchery with other customary hatcheries, viz., Chinese hatchery, Ecohatchery or portable carp hatchery developed by Central Institute of Fresh Water Aquaculture (CIFA). Conventional fish hatcheries have been studied and analysed. In Bundh-cum- Hatching Pool hatchery, breeding of fishes are facilitated by deeper and shallower zone with convex platform analogous to riverine bottom. Supply of oxygen is enhanced and holding capacity of eggs is increased up to 500-600 litre /4m3. The breeding and hatching results of Bundh-cum-Hatching Pool hatchery reveal that the eggs are free from damage due to non shifting of the eggs. Here the eggs or spawns are getting sufficient fresh oxygenated water from the horizontal and vertical perforated pipes resisting the moribundity and settling down of eggs on the floor. The disintegrated egg shells are separated and exit automatically so causes of contamination in water declined. Naturally the rate of survivability is increased up to 95% to 98% as compared to the Chinese Hatchery where holding capacity of egg is 240 litre /4 m3 and hatching success is not above 80-85%. One of the most important features of this Breeding-cum-Hatching Pool is that it is very much farmer friendly where costing is not at all a burden, only Rs. 15,000 to 16,000/- due to its single chamber frame nature.



No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013
(21) Application No.343/KOL/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A PROCESS OF UNAMBIGUOUS IDENTIFICATION OF INTERGENERIC HYBRIDS OF ROHU AND COTLA OF THE CYPRINIDAE FAMILY USING MOLECULAR MARKER BASED LATER.

(51) International classification	:A01H 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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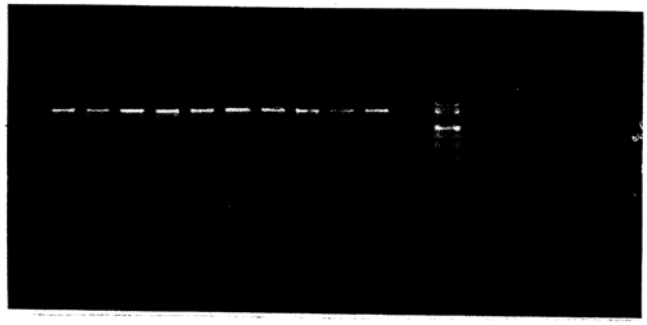
1)Dr. P. JAYASANKAR
2)MAUSUMEE MOHANTY
3)Dr. LAKSHMAN SAHOO
4)Dr. P DAS
5)Dr. B.K. DAS
6)Dr. P ROUTARY
7)Dr. D. K. VERMA

(57) Abstract :
This invention relates to a process of PCR based detection of intergeneric hybrids between rohu (Labeo rohita) and catla (Catla catla) comprising designing a pair of oligo nucleotide primers of defined sequences from DNA sequences of gene from both the species followed by optimization of PCR condition of the PCR primers.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.348/KOL/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : SUN STROKE MASTER

(51) International classification	:B60T13/68, B60T8/32, B60T8/40, B60T8/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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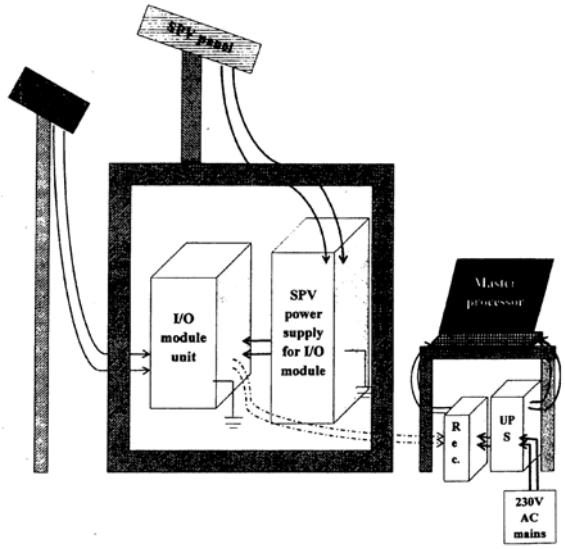
(72)**Name of Inventor :**
1)M. SIDDHARATHA BHATT

(57) Abstract :
The invention relates to a device for advance detection in real time the possible drop in power output of grid connected solar photovoltaic plants to allow the load distribution centre initiate argumentation of power output from grid power source and in an alternative resort to staggered load-shedding, the device comprising : a plurality of remotely located field installed test solar cell sensors each having an input-output (I/o) module with wireless communication interface located around a grid connected solar photovoltaic (SPV) plant; a master controller organized in a distributed architecture for receiving, processing and transmitting data; and a load dispatch centre continuously storing grid related data, load distribution data, including historical data on load demand, the load dispatch centre is enabled to control the load supply based on the feedback from the master Controller, wherein the device is enabled to predict in advance the possible drop in drop in Solar power output based on the acquired data and communicate to the load dispatch centre to argument grid power and in alternative plan load shedding to eliminate the grid failure.



No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013
(21) Application No.340/KOL/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF FE-TI ALLOY DURING ALUMINOTHERMIC REDUCTION OF ILMENITE FOR REDUCTION IN ALUMINUM CONSUMPTION.

(51) International classification :C22b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MINEX METALLURGICAL CO LTD
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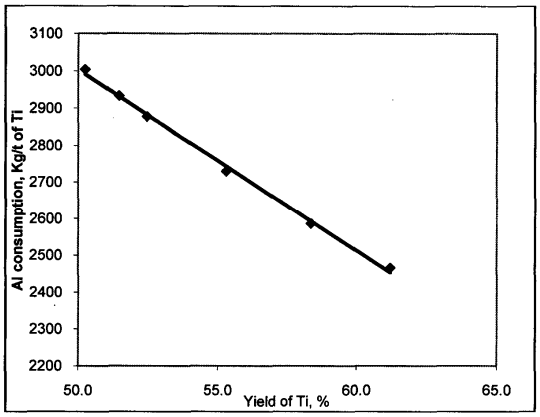
(72)**Name of Inventor :**
1)KAMBLE, AMIT
2)YADAV, SURESH KUMAR
3)RANGANATHAN, SRINIVASAN

(57) Abstract :
A process for production of Ferro-titanium (Fe-Ti) alloy during aluminothermic reduction of ilmenite ore is disclosed favouring reduced consumption of aluminium. More particularly, the present invention is directed to a process for producing Ferro-titanium (Fe-Ti) wherein addition of aluminum powder is reduced per heat and all other parameter including quantity of charge materials are nearly same. Importantly, in the modified practice lower slag volume is attained with reduced aluminum addition per charge due to reduced alumina generation and higher yield of titanium is obtained. Advantageously, the quantity of unaccounted aluminum(ΔAl) and alumina generation per ton of Fe-Ti is also reduced. Ti content of ferrotitanium product is 29.8% (Range: 29-33%) and Al consumption per ton of Titanium produced is reduced by 153 Kg making the process cost effective for industrial application.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013
(21) Application No.351/KOL/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : A METHOD FOR ON-LINE MEASURING OF CLOGGING INDEX IN A SUBMERGED ENTRY NOZZLE IMPLEMENTED IN CONTINUOUS CASTING PROCESS

(51) International classification :B22D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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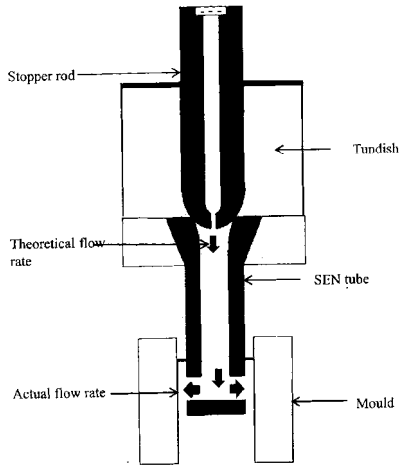
Address of Applicant :JAMSHEDPUR-831001, Jharkhand India
(72)**Name of Inventor :**
1)BAPIN KUMAR ROUT
2)RANJAY KUMAR SINGH
3)CHANDAN KUMAR LAL DAS
4)S K CHOUDHARY

(57) Abstract :
The present invention relates to a method of predicting the clogging index. The clogging index is an indicator of the degree of deposition of non-metallic inclusions inside submerged entry nozzle (SEN) tube, during continuous casting of steel. This invention includes online capturing of stopper position, tundish weight, actual throughput, mould cross-sectional area data from the control system and uses the data to predict the clogging index. The predicted clogging index is then used as decision enabler for inert gas flushing to the casting nozzle, decision of tube and tundish replacement in the casting process.



No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014
(21) Application No.405/KOL/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : MOTOR SPEED CONTROL APPARATUS

(51) International classification :B62D 5/00
(31) Priority Document No :2013-073968
(32) Priority Date :29/03/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)IDE YUJI
2)YAMAZAKI SATOSHI

(57) Abstract :
A speed proportional gain limit arithmetic unit calculates a speed proportional gain limit on the basis of a motor speed and load inertia ratio. A speed integration time constant torque command low-pass filter limit arithmetic unit calculates a speed integration time constant limit and a cutoff frequency limit on the basis of the speed proportional gain limit. A speed controller receives a speed command and outputs a torque command on the basis of a speed proportional gain and a speed integration time constant. A torque command low-pass filter allows a torque command of frequencies lower than a cutoff frequency to pass and thereby reduces harmonics contained in the torque command.

No. of Pages : 33 No. of Claims : 8

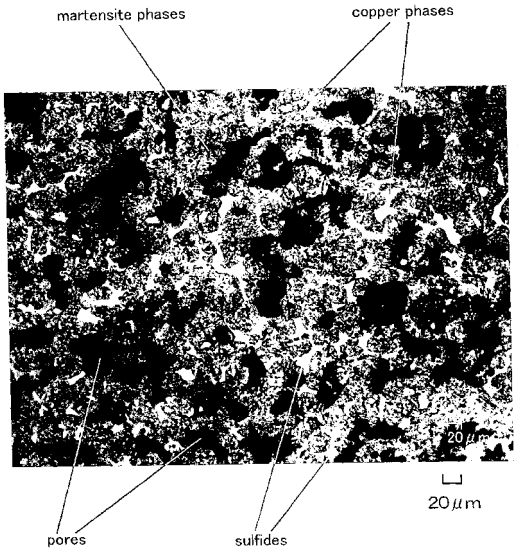
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014
(21) Application No.397/KOL/2014 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : IRON-BASED SINTERED ALLOY FOR SLIDING MEMBER AND PRODUCTION METHOD THEREFOR

(51) International classification	:C22C 33/00
(31) Priority Document No	:2013-071866
(32) Priority Date	:29/03/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Hitachi Chemical Company, Ltd.
Address of Applicant :9-2, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, 100-6606 JAPAN
(72)**Name of Inventor :**
1)TOKUSHIMA Hidekazu
2)KAWATA HIDEAKI

(57) Abstract :
An iron-based sintered alloy for sliding member, in which seizure resistance is improved, and a production method therefor, are provided. The iron-based sintered alloy for sliding member consists of, by mass %, 10 to 30 % of Cu, 0.2 to 2.0 % of C, 0.03 to 0.9 % of Mn, 0.36 to 3.65 % of S, and the balance of Fe and inevitable impurities in the overall composition. The iron-based sintered alloy for sliding member exhibits a metallic structure in which copper phases and pores are dispersed in the matrix that includes mainly a martensite structure and sulfide particles are dispersed in the matrix and the copper phases. The sulfide particles are dispersed at 1 to 30 vol. % with respect to the matrix.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.352/KOL/2013 A
(43) Publication Date : 03/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CREATING OPTIMIZED IMAGES FOR DATA IDENTIFICATION AND EXTRACTION

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

(71)**Name of Applicant :**
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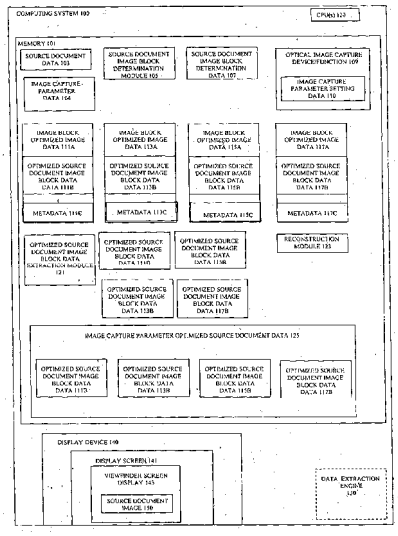
(72)**Name of Inventor :**
1)MADHANI SUNIL
2)SREEPATHY ANU
3)KAKKAR SAMIR

(57) Abstract :
A viewfinder screen display is generated and positioned such that a source document is displayed in the viewfinder screen display. Source document image blocks corresponding to different portions of the source document are then defined. For each source document image block, the image capture parameter of an image capture device is set to an optimized image capture parameter setting for the source document image block. The image capture device then captures an image block optimized image of the source document optimized for the source document image block. The optimized source document image blocks are then extracted from each image block optimized image of the source document. The extracted optimized source document image blocks are then aggregated and used to construct an image capture parameter optimized image of the source document.



No. of Pages : 115 No. of Claims : 52

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	262913	4897/DELNP/2007	22/12/2005	23/12/2004	CHROME FREE COMPOSITION FOR METAL SURFACE TREATMENT AND SURFACE-TREATED METAL SHEET	POSCO	17/08/2007	DELHI
2	262914	2289/DELNP/2006	15/10/2004	15/10/2003	CONNECTOR FOR MEDICAL LIQUID CONTAINING PACKAGES AND MEDICAL LIQUID-CONTAINING PACKAGES	FRESENIUS KABI DEUTSCHLAND GMBH	13/07/2007	DELHI
3	262924	4842/DELNP/2006	01/03/2005	08/03/2004	FLUID-BED GRANULATION PROCESS	BOEHRINGER INGELHEIM VETMEDICA GMBH	10/08/2007	DELHI
4	262932	2605/DELNP/2008	22/08/2006	28/09/2005	A METHOD OF OLEFIN POLYMERIZATION	UNIVATION TECHNOLOGIES, LLC.	04/07/2008	DELHI
5	262933	9690/DELNP/2007	15/11/2005	07/06/2005	A CONTAINER WITH ENHANCED GAS BARRIER	THE COCA-COLA COMPANY	20/06/2008	DELHI
6	262935	4443/DELNP/2008	13/12/2006	15/12/2005	A PROCESS FOR THE PREPARATION OF A POWDER COATING COMPOSITION	DUPONT POWDER COATINGS FRANCE S.A.S.	15/08/2008	DELHI
7	262938	6990/DELNP/2006	24/05/2005	24/05/2004	A PROCESS FOR THE PREPARATION OF A PARTICULATE MATTER	NYCOMED PHARMA AS	31/08/2007	DELHI
8	262945	8485/DELNP/2007	23/05/2006	30/05/2005	PROCESS FOR THE PREPARATION OF POLYISOCYANATES OF THE DIPHENYLMETHANE SERIES	HUNTSMAN INTERNATIONAL LLC.	04/07/2008	DELHI
9	262949	460/DELNP/2007	08/08/2005	09/08/2004	COMPOSITION FOR PROMOTING VASCULAR SMOOTH MUSCLE RELAXATION	FUTURA MEDICAL DEVELOPMENTS LIMITED	17/08/2007	DELHI
10	262951	3391/DELNP/2007	14/12/2005	31/01/2005	CLOSED LOOP POWER CONTROL WITH HIGH DYNAMIC RANGE	FREESCALE SEMICONDUCTOR, INC.	31/08/2007	DELHI
11	262954	3291/DELNP/2008	03/10/2006	28/10/2005	FIREPROOF COMPOSITION	NANOCYL S.A	25/07/2008	DELHI

12	262958	4965/DELNP/2007	31/10/2005	28/12/2004	GALVANIZED STEEL-SHEET WITHOUT SPANGLE, MANUFACTURING METHOD THEREOF AND DEVICE USED THEREFOR	POSCO	17/08/2007	DELHI
13	262961	1269/DELNP/2006	17/03/2005	02/04/2004	STRING HOPPER MAKING MACHINE	INGLES RUDLAND EDWARD	31/08/2007	DELHI
14	262962	3041/DELNP/2005	25/02/2004	27/03/2003	A BLACK-COLORED POLYURETHANE ARTICLE AND A METHOD OF PRODUCING THE SAME	MILLIKEN & COMPANY,	24/08/2007	DELHI
15	262963	10105/DELNP/2007	11/07/2006	14/07/2005	PROCESS FOR PRODUCING CARBOXYLIC ACID	DAICEL CHEMICAL INDUSTRIES, LTD.,	08/02/2008	DELHI
16	262965	3550/DELNP/2007	28/10/2005	19/11/2004	MIXER-DISTRIBUTOR-COLLECTOR APPARATUS	UOP LLC	31/08/2007	DELHI
17	262966	4028/DELNP/2006	21/01/2005	23/01/2004	RELEASABLY-SECURABLE ONE-PIECE ADJUSTABLE GASTRIC BAND	ALLERGAN, INC.	17/08/2007	DELHI
18	262967	5414/DELNP/2007	01/02/2006	01/02/2005	DEVICES, SYSTEMS, AND METHODS FOR MEDICAMENT DELIVERY	Kaleo, Inc.	17/08/2007	DELHI
19	262968	1642/DELNP/2009	28/12/2006	22/09/2006	INHIBITORS OF BRUTON'S TYROSINE KINASE	PHARMACYCLICS, INC.	22/05/2009	DELHI
20	262969	2896/DEL/2005	28/10/2005	05/11/2004	METHOD AND SYSTEM FOR ACCURATELY REPORTING BATTERY CAPACITY	RESEARCH IN MOTION LIMITED	31/07/2009	DELHI
21	262970	5036/DELNP/2008	29/11/2006	30/11/2005	A HYDROPROCESSING PROCESS	JX NIPPON OIL & ENERGY CORPORATION	26/09/2008	DELHI
22	262972	1990/DEL/2009	24/09/2009 11:22:44	30/10/2008	FLEXIBLE ACRYLIC FOAM COMPOSITION	ROHM AND HAAS COMPANY	18/06/2010	DELHI
23	262979	874/DEL/2006	29/03/2006		A PROTECTIVE DEVICE FOR A VEHICLE CYLINDER LOCK	MINDA CORPORATION LIMITED,	05/10/2007	DELHI
24	262980	3974/DELNP/2006	24/12/2004	14/01/2004	INDEXABLE INSERT	SUMITOMO ELECTRIC HARDMETAL CORP.	27/04/2007	DELHI
25	262981	2769/DEL/2007	31/12/2007	05/01/2007	PUMP SET FOR ADMINISTERING FLUID WITH SECURE LOADING FEATURES AND MANUFACTURE OF COMPONENT THEREFOR	COVIDIEN AG	05/09/2008	DELHI
26	262983	6077/DELNP/2009	05/03/2008	04/04/2007	PROCESS AND APPARATUS FOR PARA-XYLENE PRODUCTION	EXXONMOBIL CHEMICAL PATENTS INC.	14/05/2010	DELHI

27	262984	4128/DELNP/2004	23/05/2003	30/05/2002	A DEVICE FOR THE GENERATION OF PRESSURE PULSES	CARGINE ENGINEERING AB	19/02/2010	DELHI
28	262985	1303/DELNP/2007	16/07/2005	19/08/2004	HYDRAULIC TENSIONING DEVICE FOR A TRACTION MECHANISM DRIVE	SCHAEFFLER TECHNOLOGIES AG & CO. KG	17/08/2007	DELHI
29	262988	1674/DEL/1998	17/06/1998	21/06/1997	PHARMACEUTICAL FORMULATIONS CONTAINING VORICONAZOLE	PFIZER INC	03/08/2007	DELHI
30	262989	6186/DELNP/2006	12/05/2005	14/05/2004	DELAYED COKING PROCESS FOR PRODUCING FREE-FLOWING COKE USING POLYMERIC ADDITIVES	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	06/11/2009	DELHI
31	262990	7732/DELNP/2007	10/05/2006	10/05/2005	PROCESSES FOR PREPARING OF GLUCOPYRANOSYL-SUBSTITUTED BENZYL-BENZENE DERIVATIVES AND INTERMEDIATES THEREIN`	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	09/11/2007	DELHI
32	262991	8611/DELNP/2009	06/03/2009	07/03/2008	A REFRIGERANT COMPOSITION FOR HEAT TRANSFER WITH IMPROVED OIL RETURN	ARKEMA, INC.	23/07/2010	DELHI
33	262992	4324/DELNP/2007	29/12/2005	07/01/2005	PROCESS OF THE PREPARATION OF 22-BUTENE-1,4-DIOL	DSM IP ASSETS B.V	31/08/2007	DELHI
34	262994	7137/DELNP/2006	28/10/2004	28/05/2004	TREATMENT APPARATUS FOR APPLYING ELECTRICAL IMPULSES TO THE BODY OF A PATIENT	FENZIAN LIMITED	24/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	171563	105/BOM/1990	08/05/1990		BLEACHING COMPOSITIONS	HINDUSTAN LEVER LIMITED	14/07/1990	MUMBAI
2	262947	1321/MUM/2007	10/07/2007	31/07/2006	MULTILAYER COMPOSITE IN FORM OF EXTRUDED HOLLOW SECTIONS	EMS-PATENT AG.,	20/03/2009	MUMBAI
3	262948	2412/MUM/2007	10/12/2007 12:32:28	20/12/2006	ORAL CARE COMPOSITION	HINDUSTAN UNILEVER LIMITED	16/07/2010	MUMBAI
4	262955	701/MUMNP/2008	21/09/2006	21/09/2005	METHOD AND APPARATUS FOR MANAGING CACHE PARTITIONING	QUALCOMM INCORPORATED	16/05/2008	MUMBAI
5	262973	1286/MUMNP/2009	19/12/2007	20/12/2006	A PROCESS FOR REGENERATION OF CATALYST CONTAINING AN ALUMINIUM SILICONE-GERMANIUM ZEOLITE	SAUDI BASIC INDUSTRIES CORPORATION	26/02/2010	MUMBAI
6	262977	760/MUM/2005	28/06/2005	26/07/2004	A METHOD AND APPARATUS FOR ESTABLISHING A CONNECTION TO A NETWORK OF DEVICES	LG ELECTRONICS INC.	22/06/2007	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	262944	1075/CHE/2007	23/05/2007		A FLUID LEVEL SENSOR AND A METHOD THEREOF	PRICOL LIMITED	05/12/2008	CHENNAI
2	262953	6242/CHENP/2008	06/06/2007	06/06/2006	APPARATUS AND METHOD FOR WIRELESS COMMUNICATION USING DIRECTIONAL AND OMNI-DIRECTIONAL ANTENNAS	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
3	262956	1597/CHE/2008	01/07/2008 16:09:13	03/07/2007	TENSIONER DEVICE	HONDA MOTOR CO., LTD.	26/03/2010	CHENNAI
4	262957	3955/CHENP/2007	10/02/2006	11/02/2005	ALUMINA RECOVERY	BHP BILLITON ALUMINIUM AUSTRALIA PTY LTD	23/11/2007	CHENNAI
5	262960	362/CHE/2006	01/03/2006	03/03/2005	PROCESS FOR UREA PRODUCTION AND RELATED PLANT	UREA CASALE S.A.	08/06/2007	CHENNAI
6	262971	6153/CHENP/2008	16/05/2007	02/06/2006	A METHOD FOR OPERATION FOR CO-LOCATED WLAN AND BLUETOOTH	QUALCOMM INCORPORATED	03/04/2009	CHENNAI
7	262974	264/CHENP/2008	10/07/2006	08/07/2005	TRIGGERING SIP NODES TO INCLUDE SS7 ROUTING INFORMATION IN RESPONSE MESSAGES INCLUDING INFORMATION REQUESTED BY SS7 NODES DEVICE	TEKELEC, INC.	19/09/2008	CHENNAI
8	262975	1975/CHE/2005	30/12/2005		METHOD FOR PERFORMING DISCOVERY FOR AUTHENTICATION TO AN ACCESS NETWORK	SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED	28/09/2007	CHENNAI
9	262976	2473/CHE/2006	29/12/2006		METHOD FOR PROVIDING SCHEDULER SERVICE FOR IMS AND VOIP SUBSCRIBER DURING CALL AND THROUGH WEB PORTAL SERVICE	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
10	262978	5220/CHENP/2007	18/05/2006	19/05/2005	PYRROLIDINE DERIVATIVE OR SALT THEREOF	ASTELLAS PHARMA INC	11/01/2008	CHENNAI
11	262982	255/CHENP/2009	12/06/2007	15/06/2006	FIBROUS MATERIALS AND COMPOSITIONS	XYLECO, INC	05/06/2009	CHENNAI

12	262986	1974/CHE/2008	14/08/2008 14:14:05	17/08/2007	PERFORATED WATER SOLUBLE POLYMER BASED EDIBLE FILMS	KATAKAM VENKATESH	12/09/2008	CHENNAI
13	262987	4491/CHENP/2007	12/04/2005	12/04/2005	PROCESS TO OBTAIN A HIGHLY SOLUBLE LINEAR ALKYLBENZENE SULFONATE	PETROQUIMICA ESPANOLA S.A. PETRESA OF AVDA	25/01/2008	CHENNAI
14	262993	4069/CHENP/2007	14/03/2006	15/03/2005	METHOD OF PREPARATION OF PURE-4-PYRROLIDINOPHENYLBENZYL ETHER DERIVATIVES AS MAOB INHIBITIORS	F. HOFFMANN-LA ROCHE AG	23/11/2007	CHENNAI
15	262996	2813/CHE/2008	14/11/2008 16:37:17	16/11/2007	METHOD OF TREATING SUBTERRANEAN FORMATIONS BY IN-SITU HYDROLYSIS OF ORGANIC ACID ESTERS	BJ SERVICES COMPANY LLC	21/08/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	262946	3304/KOLNP/2008	14/02/2007	14/02/2006	A METHOD FOR PERFORMING CHANNEL ESTIMATION BY A RECEIVER IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM	SAMSUNG ELECTRONICS CO. LTD.	13/02/2009	KOLKATA
2	262950	1497/KOLNP/2006	01/12/2004	02/12/2003	AZEPINOINDOLE DERIVATIVES AS PHARMACEUTICAL AGENTS	EXELIXIS, INC.	04/05/2007	KOLKATA
3	262952	666/KOLNP/2009	13/07/2007	26/07/2006	PRODUCTION OF OLEFINS	TOTAL PETROCHEMICALS RESEARCH FELUY	15/05/2009	KOLKATA
4	262959	67/KOLNP/2005	22/01/2002	22/01/2001	A PROCESS FOR THE PREPARATION OF DIPHENYLSULFONE COMPOUNDS	NIPPON SODA CO. LTD.,NISSO FINE CO. LTD.	26/06/2009	KOLKATA
5	262964	302/KOL/2004	07/06/2004		MAGNESIUM DICHLORIDE-ALCOHOL ADDUCTS, PROCESS FOR THEIR PREPARATION AND CATALYST COMPONENTS OBTAINED THEREFROM	BASELL POLIOLEFINE ITALIA S.p.A	19/05/2006	KOLKATA
6	262995	757/KOLNP/2008	01/08/2005	01/08/2005	MODULAR FLUIDISED BED REACTOR	ALSTOM TECHNOLOGY LTD.	08/08/2008	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of PRICOL LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
208678 220942 230973	24-01	SKANRAY TECHNOLOGIES PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE PROVISIONS OF THE COMPANIES ACT, 1956, AND HAVING ITS REGISTERED OFFICE AT PLOT # 15-17, HEBBAL INDUSTRIAL AREA, MYSORE 570 016, STATE OF KARNATAKA,INDIA

CANCELLATION PROCEEDINGS
under Section 19 of the Designs Act, 2000

"The Asstt. Controller of Patents & Designs passed an order on 26/9/2014 to cancel the registration of registered Design No. 228502 **dated 9/4/2010 under class 09-01 titled as 'Bottle' in the name of Reliance Plast, (an Indian sole proprietorship concern), having office at 202, Pooja Residency, Derasar Lane, Borivali (West), Mumbai – 400092, Maharashtra, India, whose proprietor is Jawahar Jain, (Indian national) of above address"**

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	239400	20.08.2014
2.	239042	20.08.2014
3.	240220	20.08.2014
4.	240057	20.08.2014
5.	195685	21.08.2014
6.	195719	21.08.2014
7.	233813	21.08.2014
8.	233814	21.08.2014
9.	234494	21.08.2014
10.	216998	21.08.2014
11.	232160	21.08.2014
12.	239382	21.08.2014
13.	239782	21.08.2014
14.	241745	21.08.2014
15.	249189	21.08.2014

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	259137
CLASS	08-06
1)GODREJ & BOYCE MFG. CO. LTD. OF LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	30/12/2013
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	259507
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

DESIGN NUMBER	257955
CLASS	08-09
1)KYOSHIN KOGYO CO., LTD, A CORPORATION INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS OFFICE AT 20-7, EBIE 7-CHOME, FUKUSHIMA-KU, OSAKA-SHI, OSAKA, JAPAN	
DATE OF REGISTRATION	04/11/2013
TITLE	COLLET CHUCK FOR PIPE EXPANDER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0023157	02/05/2013	REPUBLIC OF KOREA

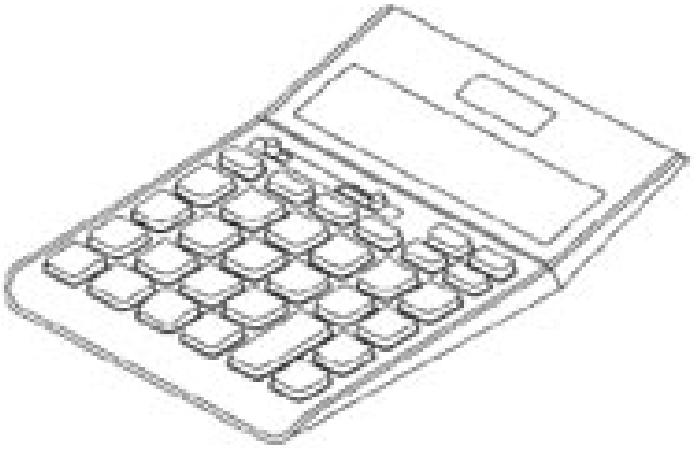
DESIGN NUMBER	250672
CLASS	12-08
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY	
DATE OF REGISTRATION	03/01/2013
TITLE	DRIVER'S CAB OF A UTILITY VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DESIGN NUMBER	258173
CLASS	18-01
1)CASIO KEISANKI KABUSHIKI KAISHA DOING BUSINESS AS CASIO COMPUTER CO., LTD. A JAPANESE COMPANY, INCORPORATED IN JAPAN OF 6-2, HON-MACHI 1-CHOME, SHIBUYA-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	14/11/2013
TITLE	CALCULATOR

PRIORITY NA



DESIGN NUMBER	258893
CLASS	12-16
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN	
DATE OF REGISTRATION	20/12/2013
TITLE	FRONT BUMPER FOR AUTOMOBILE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-014750	28/06/2013	JAPAN

DESIGN NUMBER	259139
CLASS	08-06
1)GODREJ & BOYCE MFG. CO. LTD. OF LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	30/12/2013
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	258293
CLASS	09-05
1)SANDVIK INTELLECTUAL PROPERTY AB OF SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY	
DATE OF REGISTRATION	21/11/2013
TITLE	BLISTER PACK

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001373427	05/06/2013	OHIM

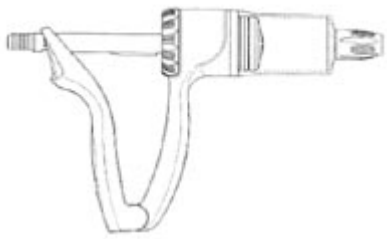
DESIGN NUMBER	258563
CLASS	06-01
1)STEELCASE INC., 901- 44TH STREET S.E. GRAND RAPIDS, MICHIGAN 49508, USA, NATIONALITY: U.S.A.	
DATE OF REGISTRATION	05/12/2013
TITLE	CHAIR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/457, 269	07/06/2013	U.S.A.

DESIGN NUMBER	259409
CLASS	24-02
1)HENKE-SASS, WOLF GMBH, OF KELTENSTRASSE 1, 78532 TUTTLINGEN, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	15/01/2014
TITLE	VETERINARY INJECTOR
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002276147-0001/0003	17/07/2013	OHIM



DESIGN NUMBER	259509
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

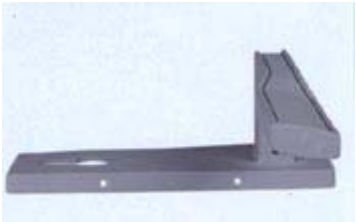
DESIGN NUMBER	259561
CLASS	12-16
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	22/01/2014
TITLE	SIDE COVER FOR MOTORCYCLE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
2013-016972	25/07/2013	JAPAN

DESIGN NUMBER	257813	
CLASS	03-04	
1)KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY OF 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA 700071, WEST BENGAL, INDIA.		
DATE OF REGISTRATION	28/10/2013	
TITLE	CEILING FAN	
PRIORITY NA		

DESIGN NUMBER	250675	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY		
DATE OF REGISTRATION	03/01/2013	
TITLE	FRONT BUMPER OF A UTILITY VEHICLE	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DESIGN NUMBER	259138	
CLASS	08-06	
1)GODREJ & BOYCE MFG. CO. LTD. OF LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY		
DATE OF REGISTRATION	30/12/2013	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	258292
CLASS	09-05
1)SANDVIK INTELLECTUAL PROPERTY AB OF SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY	
DATE OF REGISTRATION	21/11/2013
TITLE	BLISTER PACK

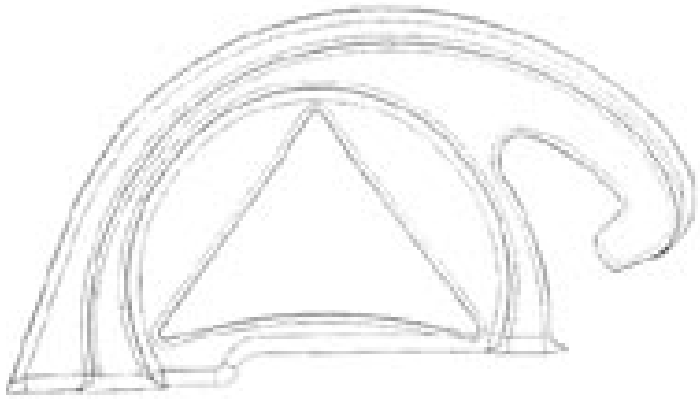
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001373427	05/06/2013	OHIM

DESIGN NUMBER	259408
CLASS	24-02
1)HENKE-SASS, WOLF GMBH, OF KELTENSTRASSE 1, 78532 TUTTLINGEN, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	15/01/2014
TITLE	HOOK FOR AN INJECTOR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002276147-0001/0003	17/07/2013	OHIM



DESIGN NUMBER	259508
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

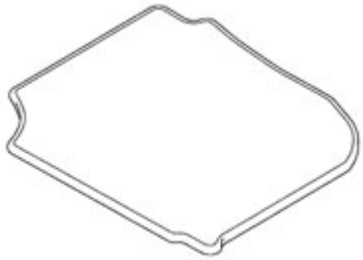
DESIGN NUMBER	259652	
CLASS	19-06	
1)SCHWAN-STABILO SCHWANHAEUSSER GMBH & CO. KG, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY, HAVING ITS ADDRESS AT SCHWANWEG 1, 90562 HEROLDSBERG, GERMANY		
DATE OF REGISTRATION	24/01/2014	
TITLE	WRITING INSTRUMENT	
PRIORITY NA		

DESIGN NUMBER	257812	
CLASS	03-04	
1)KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY OF 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA 700071, WEST BENGAL, INDIA		
DATE OF REGISTRATION	28/10/2013	
TITLE	CEILING FAN	
PRIORITY NA		

DESIGN NUMBER	250674	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY		
DATE OF REGISTRATION	03/01/2013	
TITLE	FRONT GRILL OF A UITLITY VEHICLE	
PRIORITY		

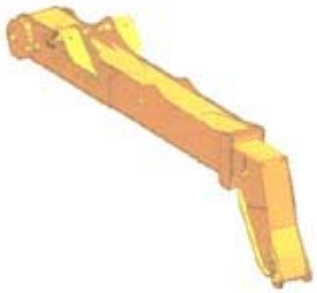
PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DESIGN NUMBER	256184	
CLASS	09-01	
1)PEARL POLYMERS LIMITED, OF A-97/2, OKHLA INDUSTRIAL AREA, PHASE 2, NEW DELHI-110020, INDIA, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, OF THE ABOVE ADDRESS		
DATE OF REGISTRATION	03/09/2013	
TITLE	BOTTLE	
PRIORITY NA		

DESIGN NUMBER	259101	
CLASS	06-11	
1)HONDA ACCESS CORP., OF 18-4, 8-CHOME, NOBIDOME, NIIZA-SHI, SAITAMA, JAPAN		
DATE OF REGISTRATION	30/12/2013	
TITLE	FLOOR MAT FOR VEHICLE	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
2013-016440	19/07/2013	JAPAN

DESIGN NUMBER	259513	
CLASS	11-02	
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS		
DATE OF REGISTRATION	20/01/2014	
TITLE	FLOWER VASE	
PRIORITY NA		

DESIGN NUMBER	255439	
CLASS	25-04	
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA		
DATE OF REGISTRATION	26/07/2013	
TITLE	CENTRAL DECK FOR MOUNTAIN FOOTBRIDGE	
PRIORITY NA		
DESIGN NUMBER	259823	
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	29/01/2014	
TITLE	WHEEL RIM FOR MOTORCYCLE	
PRIORITY NA		
DESIGN NUMBER	257819	
CLASS	12-16	
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.		
DATE OF REGISTRATION	28/10/2013	
TITLE	BOOM OF TELESCOPIC HANDLER (LOADALL)	
PRIORITY NA		

DESIGN NUMBER	254621
CLASS	12-08
1)DONGFENG COMMERCIAL VEHICLE CO., LTD. A COMPANY INCORPORATED UNDER THE LAWS OF CHINA, NATIONALITY: CHINA, ADDRESS AT, NO. 2, WEST CHECHENG ROAD, ZHANGWAN DISTRICT, SHIYAN, HUBEI 442001 CHINA	
DATE OF REGISTRATION	20/06/2013
TITLE	TRUCK

PRIORITY

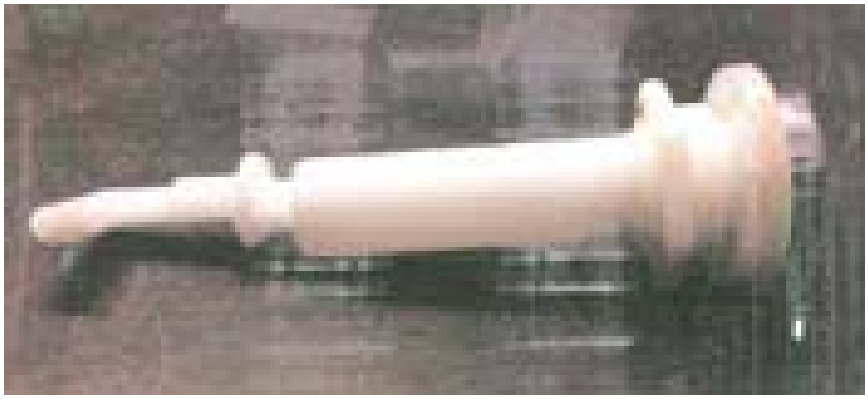
PRIORITY NUMBER	DATE	COUNTRY
201230654080.4	26/12/2012	CHINA

DESIGN NUMBER	258895
CLASS	12-16
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN	
DATE OF REGISTRATION	20/12/2013
TITLE	REAR BUMPER FOR AUTOMOBILE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-014751	28/06/2013	JAPAN

DESIGN NUMBER	258425
CLASS	15-07
1)VISHKARMA ENTERPRISES, AN INDIAN COMPANY, OF THE ADDRESS B-14, SANJAY COLONY, SECTOR 22, FARIDABAD-121005, INDIA	
DATE OF REGISTRATION	28/11/2013
TITLE	LOCKING DEVICE FOR REFRIGERATORS
PRIORITY NA	



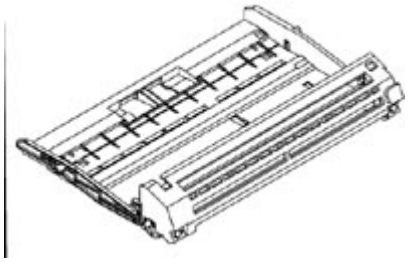
DESIGN NUMBER	258619	
CLASS	08-06	
1)(1) SURESHBHAI NAGJIBHAI VAGHASIYA (2) MAHESHBHAI DAHYABHAI SINGHALA (3) JAGDISHBHAI DAMJIBHAI VAGHASIYA (ALL THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF AAI SHREE KHODIYAR (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT: 4, SHREE HARI INDUSTRIAL ZONE, AJI RING ROAD, OPP: INDICA BOTTLING N.H. 8B, RAJKOT-GUJARAT-(INDIA)		
DATE OF REGISTRATION	09/12/2013	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	259511	
CLASS	11-02	
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS		
DATE OF REGISTRATION	20/01/2014	
TITLE	FLOWER VASE	
PRIORITY NA		
DESIGN NUMBER	255437	
CLASS	25-04	
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA		
DATE OF REGISTRATION	26/07/2013	
TITLE	CONNECTING RODE FOR MOUNTAIN FOOTBRIDGE	
PRIORITY NA		

DESIGN NUMBER	259821	
CLASS	10-04	
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	29/01/2014	
TITLE	SPEEDOMETER ASSEMBLY FOR MOTORCYCLE	
PRIORITY NA		
DESIGN NUMBER	257817	
CLASS	12-05	
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.		
DATE OF REGISTRATION	28/10/2013	
TITLE	TELESCOPIC HANDLER (LOADALL)	
PRIORITY NA		
DESIGN NUMBER	250677	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY		
DATE OF REGISTRATION	03/01/2013	
TITLE	FRONT BUMPER OF A UTILITY VEHICLE	
PRIORITY		

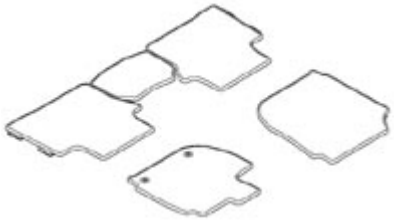
PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DESIGN NUMBER	258215
CLASS	16-03
1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN	
DATE OF REGISTRATION	19/11/2013
TITLE	CARTRIDGE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
2013-010979	20/05/2013	JAPAN



DESIGN NUMBER	259105
CLASS	06-11
1)HONDA ACCESS CORP., OF 18-4, 8-CHOME, NOBIDOME, NIIZA-SHI, SAITAMA, JAPAN	
DATE OF REGISTRATION	30/12/2013
TITLE	A SET OF FLOOR MATS FOR VEHICLE
PRIORITY NA	



DESIGN NUMBER	255864
CLASS	11-01
1)BIREN VAIDYA, INDIAN NATIONAL, 131, 13TH FLOOR, VALLABH APARTMENTS, 87, BHULABHAI DESAI ROAD, MUMBAI-400026, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	16/08/2013
TITLE	RING
PRIORITY NA	

DESIGN NUMBER	259514
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

DESIGN NUMBER	259580
CLASS	23-01
1)HANSGROHE SE, OF AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	22/01/2014
TITLE	SANITARY FAUCET

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001379093-0004	26/07/2013	OHIM

DESIGN NUMBER	255440
CLASS	25-04
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA	
DATE OF REGISTRATION	26/07/2013
TITLE	FRAME FOR MOUNTAIN FOOTBRIDGE
PRIORITY NA	

DESIGN NUMBER	259676	
CLASS	19-02	
1)KANGARO INDUSTRIES LIMITED AT B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB, INDIA, COMPANY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT HAVING THEIR ADDRESS OF B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB		
DATE OF REGISTRATION	27/01/2014	
TITLE	SCISSORS	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
002367284	11/12/2013	OHIM

DESIGN NUMBER	257990	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY		
DATE OF REGISTRATION	06/11/2013	
TITLE	BUMPER FOR VEHICLES	
PRIORITY NA		

DESIGN NUMBER	258737	
CLASS	06-08	
1)SURAJ NEDIYAMBATHU (INDIAN) PROPRIETOR OF M/S S.S INDUSTRIES, EDAVOOR, KALADY, ERNAKULAM, PIN-683544, KERALA, INDIA		
DATE OF REGISTRATION	16/12/2013	
TITLE	CLOTHES HANGER	
PRIORITY NA		

DESIGN NUMBER	255866	
CLASS	11-01	
1)BIREN VAIDYA, INDIAN NATIONAL, 131, 13TH FLOOR, VALLABH APARTMENTS, 87, BHULABHAI DESAI ROAD, MUMBAI-400026, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	16/08/2013	
TITLE	EARRING SET	
PRIORITY NA		

DESIGN NUMBER	259367	
CLASS	09-01	
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA		
DATE OF REGISTRATION	13/01/2014	
TITLE	BOTTLE	

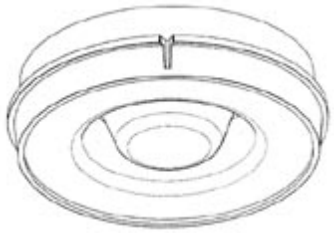
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/460,550	11/07/2013	U.S.A.

DESIGN NUMBER	259515	
CLASS	11-02	
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS		
DATE OF REGISTRATION	20/01/2014	
TITLE	FLOWER VASE	
PRIORITY NA		

DESIGN NUMBER	257460
CLASS	24-02
1)VITROLIFE KFT., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF HUNGARY, HAVING PLACE OF BUSINESS AT GOGOL U. 9/B, SZEGED, 6722, HUNGARY	
DATE OF REGISTRATION	11/10/2013
TITLE	CELL CULTURE DISH
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
001369862-0002	25/04/2013	OHIM



DESIGN NUMBER	255441
CLASS	25-04
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA	
DATE OF REGISTRATION	26/07/2013
TITLE	CLAMP FOR MOUNTAIN FOOTBRIDGE
PRIORITY NA	

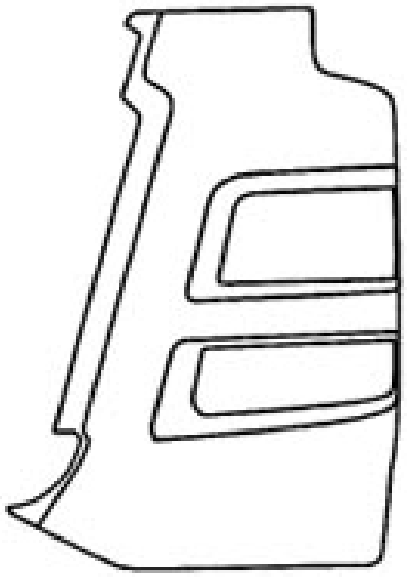
DESIGN NUMBER	259682
CLASS	08-06
1)MUKESHBHAI GORDHANBHAI RAKHOLIYA AN INDIAN NATIONAL SOLE PROPRIETOR OF RAMESHWAR METAL AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 4, PARSANA SOCIETY, 50 FEET MAIN ROAD, B/H. 73 NO. SCHOOL, RAJKOT-360 002, GUJARAT - INDIA	
DATE OF REGISTRATION	27/01/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	257991
CLASS	12-16

1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF
DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY

DATE OF REGISTRATION	06/11/2013
TITLE	LEFT BUMPER FOR VEHICLES

PRIORITY NA



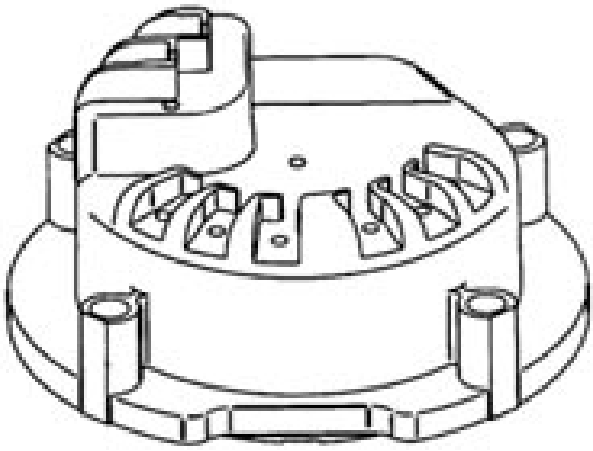
DESIGN NUMBER	258234
CLASS	10-04

1)ROSEMOUNT INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF MINNESOTA OF
8200 MARKET BOULEVARD, CHANHASSEN, MINNESOTA 55317, UNITED STATES OF AMERICA; NATIONALITY: U.S.A.

DATE OF REGISTRATION	19/11/2013
TITLE	TRANSMITTER PUCK FOR MEASURING TEMPERATURE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/459,537	01/07/2013	U.S.A.



DESIGN NUMBER	259140
CLASS	08-06

1)GODREJ & BOYCE MFG. CO. LTD. OF
LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY

DATE OF REGISTRATION	30/12/2013
TITLE	HANDLE

PRIORITY NA

DESIGN NUMBER	258424
CLASS	15-07
1)VISHKARMA ENTERPRISES, AN INDIAN COMPANY, OF THE ADDRESS B-14, SANJAY COLONY, SECTOR 22, FARIDABAD-121005, INDIA	
DATE OF REGISTRATION	28/11/2013
TITLE	LOCKING DEVICE FOR REFRIGERATORS
PRIORITY NA	

DESIGN NUMBER	258564
CLASS	06-01
1)STEELCASE INC., 901-44TH STREET, S.E., GRAND RAPIDS, MICHIGAN 49508 USA, NATIONALITY: USA	
DATE OF REGISTRATION	05/12/2013
TITLE	CHAIR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/457, 263	07/06/2013	U.S.A.

DESIGN NUMBER	259510
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

DESIGN NUMBER	255436	
CLASS	25-04	
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA		
DATE OF REGISTRATION	26/07/2013	
TITLE	FRAME FOR MOUNTAIN FOOTBRIDGE	
PRIORITY NA		

DESIGN NUMBER	257816	
CLASS	12-16	
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.		
DATE OF REGISTRATION	28/10/2013	
TITLE	CHASSIS OF TELESCOPIC HANDLER (LOADALL)	
PRIORITY NA		

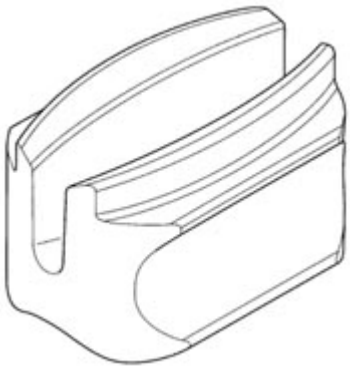
DESIGN NUMBER	250676	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY		
DATE OF REGISTRATION	03/01/2013	
TITLE	FRONT BUMPER OF A UTILITY VEHICLE	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DESIGN NUMBER	258209
CLASS	07-02
1)RAYES PLASTICWARE., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT 1005, PINE WOOD, RAHEJA WILLOWS, AKURLI ROAD, KANDIVALI (EAST), MUMBAI-400101. MAHARASHTRA, INDIA. WHOSE PARTNERS ARE (1) MANISH KABRA. (INDIAN NATIONAL), & (2) MAHESH KUMAR KABRA. (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS	
DATE OF REGISTRATION	19/11/2013
TITLE	CASSEROLE
PRIORITY NA	

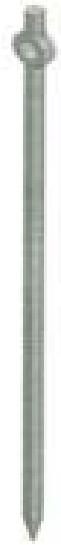
DESIGN NUMBER	258998
CLASS	28-03
1)EYE COMFORT LIMITED, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE UNITED KINGDOM, OF 25-51 YORK STREET, BELFAST, COUNTRY ANTRIM BT15 1ED, NORTHERN IRELAND, UNITED KINGDOM	
DATE OF REGISTRATION	26/12/2013
TITLE	APPLIANCE FOR MASSAGING THE EYELIDS
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002285494-0001	01/08/2013	OHIM



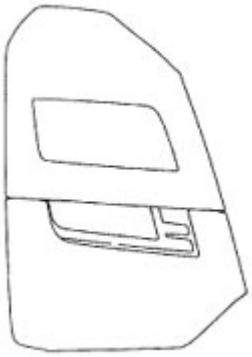
DESIGN NUMBER	259516
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

DESIGN NUMBER	255442
CLASS	25-04
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA	
DATE OF REGISTRATION	26/07/2013
TITLE	SPIKE FOR MOUNTAIN FOOTBRIDGE
PRIORITY NA	



DESIGN NUMBER	259685
CLASS	08-06
1)BHARATBHAI BHURABHAI DOMADIA AND KALPESHBHAI VELJIBHAI DOMADIA BOTH INDIAN NATIONAL PARTNERS OF APEX TECHNO CAST AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 5, AJI VASAHAT, OPP. WESTERN MINERAL, 80 FEET ROAD, RAJKOT, GUJARAT-INDIA	
DATE OF REGISTRATION	27/01/2014
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	257822
CLASS	16-05
1)JANAK ARVINDBHAI MISTRY, 1, GANESH PARK-B, ADAJAN ROAD, SURAT 395009 IN THE STATE OF GUJARAT WITHIN THE UNION OF INDIA, WHO IS INDIAN BY NATIONALITY	
DATE OF REGISTRATION	28/10/2013
TITLE	DIAMOND IMAGING APPARATUS
PRIORITY NA	

DESIGN NUMBER	257993	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY		
DATE OF REGISTRATION	06/11/2013	
TITLE	RIGHT BUMPER FOR VEHICLES	
PRIORITY NA		

DESIGN NUMBER	247765	
CLASS	09-03	
1)GLEN APPLIANCES PVT. LTD., I 34 DLF INDUSTRIAL AREA, PHASE 1, FARIDABAD INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION	10/09/2012	
TITLE	PACKAGING BOX	
PRIORITY NA		

DESIGN NUMBER	250683	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY		
DATE OF REGISTRATION	03/01/2013	
TITLE	FRONT BUMPER OF A UTILITY VEHICLE	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DESIGN NUMBER	258904	
CLASS	23-01	
1)ASHIRVAD PIPES PVT. LTD, A COMPANY REGISTERED UNDER THE COMPANIES ACT 1956 HAVING ITS REGISTERED OFFICE AT 4-B, ATTIBELE INDUSTRIAL AREA, HOSUR ROAD, BANGALORE-562107, KARNATAKA, INDIA; NATIONALITY: INDIAN		
DATE OF REGISTRATION	20/12/2013	
TITLE	SEALING RING	
PRIORITY NA		
DESIGN NUMBER	259094	
CLASS	19-06	
1)K-NINE WRITING SYSTEMS PVT. LTD. (AN INDIAN PROPRIETORSHIP FIRM) UNIT NO: A-301/302, SUNFLOWER BUILDING, PLOT NO-36 A, SHIVNERI MARG, OFF GOREGAON-MULUND LINK ROAD, AMBEDKAR CHOWK, GOREGAON-EAST, MUMBAI-400063. STATE OF MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	27/12/2013	
TITLE	PEN	
PRIORITY NA		
DESIGN NUMBER	259149	
CLASS	13-03	
1)AI-AZIZ PLASTICS PVT. LTD., (CO. REGISTERED) WHOSE ADDRESS 125, AMAR INDL. ESTATE, A. K. ROAD, SAKINAKA, ANDHERI-(E), MUMBAI-400072		
DATE OF REGISTRATION	31/12/2013	
TITLE	JUNCTION BOX	
PRIORITY NA		

DESIGN NUMBER	258426	
CLASS	15-07	
1)VISHKARMA ENTERPRISES, AN INDIAN COMPANY, OF THE ADDRESS B-14, SANJAY COLONY, SECTOR 22, FARIDABAD-121005, INDIA		
DATE OF REGISTRATION	28/11/2013	
TITLE	LOCKING DEVICE FOR REFRIGERATORS	
PRIORITY NA		
DESIGN NUMBER	258620	
CLASS	08-06	
1)(1) SURESHBHAI NAGJIBHAI VAGHASIYA (2) MAHESHBHAI DAHYABHAI SINGHALA (3) JAGDISHBHAI DAMJIBHAI VAGHASIYA (ALL THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF AAI SHREE KHODIYAR (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT: 4, SHREE HARI INDUSTRIAL ZONE, AJI RING ROAD, OPP: INDICA BOTTLING N.H. 8B, RAJKOT-GUJARAT-(INDIA)		
DATE OF REGISTRATION	09/12/2013	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	259512	
CLASS	11-02	
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS		
DATE OF REGISTRATION	20/01/2014	
TITLE	FLOWER VASE	
PRIORITY NA		

DESIGN NUMBER	255438
CLASS	25-04
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA	
DATE OF REGISTRATION	26/07/2013
TITLE	DECK JOINING FOR MOUNTAIN FOOTBRIDGE
PRIORITY NA	

DESIGN NUMBER	259662
CLASS	09-01
1)SANJAY GOSALIA AN INDIVIDUAL-INDIAN RESIDENT OF 9/15, MORJI VELJI BLD, 1ST FLR ROOM NO-30, DR. M.B. VELKAR STREET, (KALBAT LANE), KALBADEVI ROAD, MUMBAI-400002, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	24/01/2014
TITLE	BOTTLE
PRIORITY NA	

DESIGN NUMBER	257818
CLASS	12-16
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA	
DATE OF REGISTRATION	28/10/2013
TITLE	CAB OF TELESCOPIC HANDLER (LOADALL)
PRIORITY NA	

DESIGN NUMBER	250678	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY		
DATE OF REGISTRATION	03/01/2013	
TITLE	FRONT BUMPER OF A UTILITY VEHICLE	
PRIORITY		

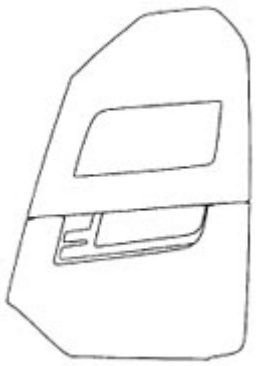
PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DESIGN NUMBER	255907	
CLASS	16-06	
1)JORAN LUNDH C/O GOXS LIMITED SUITE 919, 9TH FLOOR, TOWER 333 CANTON ROAD HONG KONG CITY (KOWLOON), HONG KONG		
DATE OF REGISTRATION	19/08/2013	
TITLE	GLASSES	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
002191346 -0001	26/02/2013	OHIM

DESIGN NUMBER	255443	
CLASS	25-04	
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA		
DATE OF REGISTRATION	26/07/2013	
TITLE	ANCHORING PLATE FOR MOUNTAIN FOOTBRIDGE	
PRIORITY NA		

DESIGN NUMBER	257994
CLASS	12-16
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY	
DATE OF REGISTRATION	06/11/2013
TITLE	LEFT BUMPER FOR VEHICLES
PRIORITY NA	



DESIGN NUMBER	260283
CLASS	23-04
1)GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF P.R. CHINA OF QIANSHAN JINJI WEST ROAD, ZHUHAI CITY, GUANGDONG 519070, P.R. CHINA	
DATE OF REGISTRATION	11/02/2014
TITLE	AIR CONDITIONER

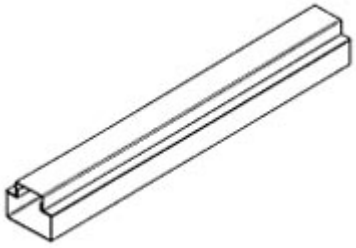
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201330398897.4	20/08/2013	CHINA

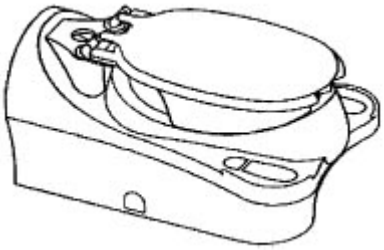
DESIGN NUMBER	256664
CLASS	09-01
1)MAP OF THE HEART PTY LTD, OF THE ADDRESS SHOP 5, 1000-1008 PITTWATER ROAD, COLLAROY, NEW SOUTH WALES 2097, AUSTRALIA	
DATE OF REGISTRATION	20/09/2013
TITLE	PERFUME BOTTLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
348505	22/03/2013	AUSTRALIA

DESIGN NUMBER	254811	
CLASS	25-02	
1)UPPALAPATI VENKATESWARA RAO, WHOSE ADDRESS IS M/S RAMA INDUSTRIES, PLOT NO. 216, R. S. NO. 112, 4TH CROSS ROAD, KONDAPALLY INDUSTRIAL PARK, VIJAYAWADA RURAL-521228, KRISHNA DISTRICT, ANDHRA PRADESH, INDIA, AND WHOSE NATIONALITY IS INDIA		
DATE OF REGISTRATION	26/06/2013	
TITLE	FITTING ASSEMBLY FOR DOOR AND WINDOW	
PRIORITY NA		

DESIGN NUMBER	253753	
CLASS	06-05	
1)CARBORUNDUM UNIVERSAL LIMITED, AN INDIAN COMPANY OF PARRY HOUSE, 6TH FLOOR, NO. 43, MOORE STREET, CHENNAI 600001, INDIA		
DATE OF REGISTRATION	07/05/2013	
TITLE	COMPOSITE SPACE SAVING UNIT	
PRIORITY NA		

DESIGN NUMBER	258238	
CLASS	23-02	
1)CHERN EE PIN OF BLK 163, YUNG PING RD#17-84, SINGAPORE-610163		
DATE OF REGISTRATION	19/11/2013	
TITLE	WATER CLOSET	
PRIORITY NA		

DESIGN NUMBER	258853
CLASS	19-02

1)KANIN (INDIA) AT B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB, INDIA, AN INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE ARIHANT JAIN, VISHWA JAIN, MS. NEELAM JAIN, AMBRISH JAIN, GAUTAM JAIN AND AMIT JAIN (ALL INDIAN NATIONALS) HAVING THEIR ADDRESS OF
B-XXX-6754, FOCAL POINT, LUDHIANA-141010, PUNJAB

DATE OF REGISTRATION	19/12/2013
TITLE	TACKER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002314989-0001	25/09/2013	OHIM

DESIGN NUMBER	259521
CLASS	06-01

1)THE SUPREME INDUSTRIES LTD., (AN INDIAN PUBLIC LIMITED COMPANY),
601 CENTRAL PLAZA, 2/6, SARAT BOSE ROAD, KOLKATA - 700020, WEST BENGAL, INDIA

DATE OF REGISTRATION	20/01/2014
TITLE	TABLE BASE

PRIORITY NA

DESIGN NUMBER	255445
CLASS	25-04

1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA,
ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA

DATE OF REGISTRATION	26/07/2013
TITLE	LAUNCHING FRAME FOR MOUNTAIN FOOTBRIDGE

PRIORITY NA

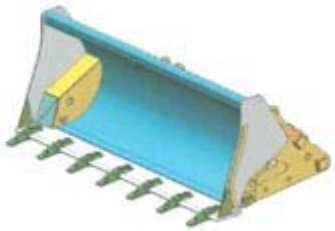
DESIGN NUMBER	256731	
CLASS	24-01	
1)PHOTOCURE ASA; A NORWEGIAN COMPANY OF HOFFSVEIEN 4, 0275 OSLO, NORWAY		
DATE OF REGISTRATION	24/09/2013	
TITLE	LIGHT TREATMENT APPARATUS FOR PHOTODYNAMIC TREATMENT OF CERVIX	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
001368286	09/04/2013	OHIM

DESIGN NUMBER	254813	
CLASS	25-02	
1)UPPALAPATI VENKATESWARA RAO, WHOSE ADDRESS IS M/S RAMA INDUSTRIES, PLOT NO. 216, R. S. NO. 112, 4TH CROSS ROAD, KONDAPALLY INDUSTRIAL PARK, VIJAYAWADA RURAL-521228, KRISHNA DISTRICT, ANDHRA PRADESH, INDIA, AND WHOSE NATIONALITY IS INDIA		
DATE OF REGISTRATION	26/06/2013	
TITLE	FITTING ASSEMBLY FOR DOOR AND WINDOW	
PRIORITY NA		

DESIGN NUMBER	258777	
CLASS	13-02	
1)M/S G. M. MODULAR PVT. LTD., 405/406, SHALIMAR MORYA PARK, BEHIND HYUNDAI SHOWROOM, ANDHERI (WEST), MUMBAI-400053., (INDIA)		
DATE OF REGISTRATION	17/12/2013	
TITLE	DOCK STATION FOR ELECTRONIC DEVICES	
PRIORITY NA		

DESIGN NUMBER	259525	
CLASS	05-05	
1)SATHEESAN V C/O AVID APPAREL INDUSTRIES, B-17, SECTOR-58 NOIDA-201301 (UP) INDIA, INDIAN		
DATE OF REGISTRATION	20/01/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	255447	
CLASS	25-04	
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA		
DATE OF REGISTRATION	26/07/2013	
TITLE	PUSHING ARRANGEMENT FOR MOUNTAIN FOOTBRIDGE	
PRIORITY NA		
DESIGN NUMBER	258012	
CLASS	08-06	
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, "KRISHNA , NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA		
DATE OF REGISTRATION	06/11/2013	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	258033	
CLASS	12-16	
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.		
DATE OF REGISTRATION	07/11/2013	
TITLE	HIGH DUMP SHOVEL OF BACKHOE LOADER	
PRIORITY NA		
DESIGN NUMBER	255446	
CLASS	25-04	
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA		
DATE OF REGISTRATION	26/07/2013	
TITLE	LOAD BEARING FRAME FOR MOUNTAIN FOOTBRIDGE	
PRIORITY NA		
DESIGN NUMBER	258032	
CLASS	12-16	
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.		
DATE OF REGISTRATION	07/11/2013	
TITLE	CAB OF BACKHOE LOADER	
PRIORITY NA		

DESIGN NUMBER	258664
CLASS	09-02
1)SHANKER PLASTIC PRODUCTS, I.G.C. PHASE-I, SAMBA-184121 (J & K) INDIA AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- PARVEEN SHARMA BEING INDIAN NATIONALS OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	11/12/2013
TITLE	WATER TANK
PRIORITY NA	

DESIGN NUMBER	258780
CLASS	14-03
1)M/S G. M. MODULAR PVT. LTD., 405/406, SHALIMAR MORYA PARK, BEHIND HYUNDAI SHOWROOM, ANDHERI (WEST), MUMBAI-400053., (INDIA)	
DATE OF REGISTRATION	17/12/2013
TITLE	REMOTE CONTROL
PRIORITY NA	

DESIGN NUMBER	258405
CLASS	26-99
1)EARTH FRIENDLY INDIA PVT. LTD., PLOT NO. 3-A, TIVIM INDUSTRIAL ESTATE, KARASWADA, MAPUSA, BARDEZ GOA-403507, INDIA	
DATE OF REGISTRATION	27/11/2013
TITLE	LIGHTING APPARATUS
PRIORITY NA	

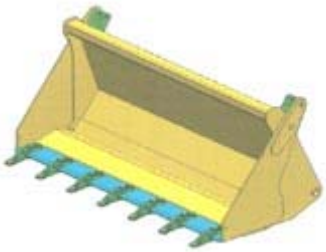
DESIGN NUMBER	254996	
CLASS	06-04	
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF GODREJ INTERIO, PLANT 4, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA		
DATE OF REGISTRATION	04/07/2013	
TITLE	CUPBOARD	
PRIORITY NA		

DESIGN NUMBER	255642	
CLASS	09-05	
1)SOCIÉTÉ DES PRODUITS NESTLÉ S.A. A COMPANY INCORPORATED UNDER THE LAWS OF THE SWITZERLAND HAVING ITS REGISTERED OFFICE AT 1800 VEVEY, SWITZERLAND		
DATE OF REGISTRATION	05/08/2013	
TITLE	CAPSULE FOR BEVERAGE DISPENSER	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
139551	07/02/2013	SWITZERLAND

DESIGN NUMBER	259893	
CLASS	12-08	
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	31/01/2014	
TITLE	CAR	
PRIORITY NA		

DESIGN NUMBER	258034
CLASS	12-16
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.	
DATE OF REGISTRATION	07/11/2013
TITLE	MULTI PURPOSE SHOVEL OF BACKHOE LOADER
PRIORITY NA	



DESIGN NUMBER	254484
CLASS	24-02
1)EPPENDORF AG, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF GERMANY, HAVING ITS REGISTERED OFFICE AT BARKHAUSENWEG 1, DE-22339, HAMBURG, GERMANY	
DATE OF REGISTRATION	13/06/2013
TITLE	BUCKET USED FOR CENTRIFUGE DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
402012005801.7	14/12/2012	GERMANY

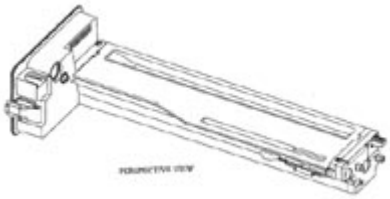
DESIGN NUMBER	255504
CLASS	23-04
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	25/07/2013
TITLE	AIR PURIFIER & HUMIDIFIER

PRIORITY

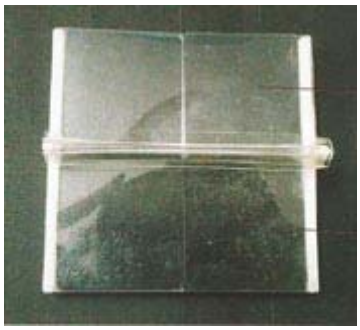
PRIORITY NUMBER	DATE	COUNTRY
002190801-0001	25/02/2013	OHIM

DESIGN NUMBER	259629
CLASS	14-02
1)SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA	
DATE OF REGISTRATION	23/01/2014
TITLE	TONER CARTRIDGE FOR COPY MACHINE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0038446	25/07/2013	REPUBLIC OF KOREA



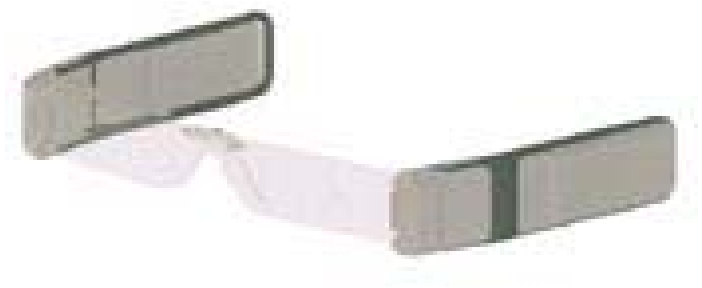
DESIGN NUMBER	255657
CLASS	23-99
1)SCIENCE FOR SOCIETY., REGISTERED UNDER THE SOCIETIES REGISTRATION ACT, 1860, AND HAVING OUR ADDRESS AT C/O. ADV. B.R.TIDKE, BEHIND BAHETI HOSPITAL, BANSILAL NAGAR, AMBAJOGAI, DIST. BEED-431517., MAHARASHTRA, INDIA	
DATE OF REGISTRATION	06/08/2013
TITLE	SOLAR DRYER
PRIORITY NA	



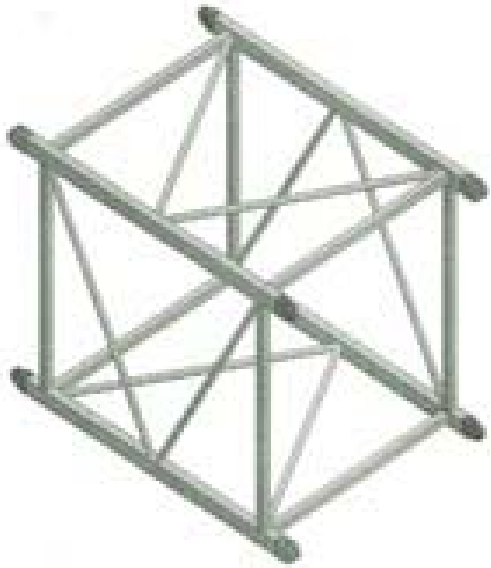
DESIGN NUMBER	258047
CLASS	12-16
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.	
DATE OF REGISTRATION	08/11/2013
TITLE	LOADER ARM FOR BACKHOE LOADER
PRIORITY NA	

DESIGN NUMBER	255908
CLASS	16-06
1)JORAN LUNDH C/O GOXS LIMITED SUITE 919, 9TH FLOOR, TOWER 333 CANTON ROAD HONG KONG CITY (KOWLOON), HONG KONG	
DATE OF REGISTRATION	19/08/2013
TITLE	GLASSES
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002191346 -0005	26/02/2013	OHIM

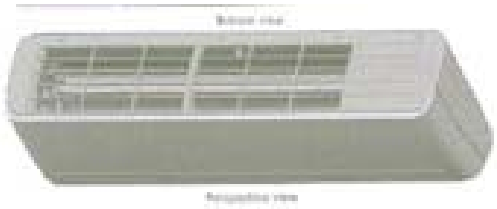


DESIGN NUMBER	255444
CLASS	25-04
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO), MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110105, INDIA	
DATE OF REGISTRATION	26/07/2013
TITLE	LAUNCHING BEAM PANEL FOR MOUNTAIN FOOTBRIDGE
PRIORITY NA	

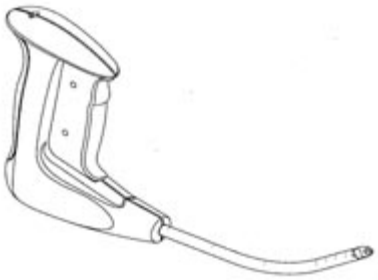


DESIGN NUMBER	260284
CLASS	23-04
1)GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF P.R. CHINA OF QIANSHAN JINJI WEST ROAD, ZHUHAI CITY, GUANGDONG 519070, P.R. CHINA	
DATE OF REGISTRATION	11/02/2014
TITLE	AIR CONDITIONER
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
201330547699.X	13/11/2013	CHINA



DESIGN NUMBER	254812	
CLASS	25-02	
1)UPPALAPATI VENKATESWARA RAO, WHOSE ADDRESS IS M/S RAMA INDUSTRIES, PLOT NO. 216, R. S. NO. 112, 4TH CROSS ROAD, KONDAPALLY INDUSTRIAL PARK, VIJAYAWADA RURAL-521228, KRISHNA DISTRICT, ANDHRA PRADESH, INDIA, AND WHOSE NATIONALITY IS INDIA		
DATE OF REGISTRATION	26/06/2013	
TITLE	FITTING ASSEMBLY FOR DOOR AND WINDOW	
PRIORITY NA		
DESIGN NUMBER	253754	
CLASS	06-05	
1)CARBORUNDUM UNIVERSAL LIMITED, AN INDIAN COMPANY OF PARRY HOUSE, 6TH FLOOR, NO. 43, MOORE STREET, CHENNAI 600 001, INDIA		
DATE OF REGISTRATION	07/05/2013	
TITLE	COMPOSITE SPACE SAVING UNIT	
PRIORITY NA		
DESIGN NUMBER	258239	
CLASS	23-02	
1)CHERN EE PIN OF BLK 163, YUNG PING RD#17-84, SINGAPORE-610163		
DATE OF REGISTRATION	19/11/2013	
TITLE	WATER CLOSET	
PRIORITY NA		

DESIGN NUMBER	256121	
CLASS	24-01	
1)ETHICON, INC., A CORPORATION FORMED UNDER THE LAW OF THE STATE OF NEW JERSEY, OF U.S. HWY. ROUTE 22, SOMERVILLE, NJ 08876, U.S.A.		
DATE OF REGISTRATION	30/08/2013	
TITLE	APPLICATOR INSTRUMENT FOR DISPENSING SURGICAL FASTENERS	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
29/447,570	05/03/2013	U.S.A.

DESIGN NUMBER	258607	
CLASS	12-11	
1)SWAPNIL BABURAO DHANDEKAR, HAVING ADDRESS, SR NO 36/2, SANJEEVANI NIVAS, KONDHWA BUDRUK, PUNE 411048. RAVINRA MARUTI TRIMBAKE, HAVING ADDRESS, SR NO 55, SAI NIVAS SOSITY BUNGLOW NO 11A, UNDRI PUNE 411048		
DATE OF REGISTRATION	06/12/2013	
TITLE	ELECTRIC BICYCLE	
PRIORITY NA		

DESIGN NUMBER	257261	
CLASS	12-16	
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN		
DATE OF REGISTRATION	08/10/2013	
TITLE	FRONT PANEL FOR VEHICLE	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
002219568-0004	12/04/2013	OHIM

DESIGN NUMBER	257496
CLASS	13-03
1)NORMAN R. BYRNE (A CITIZEN OF UNITED STATES OF AMERICA) WHOSE ADDRESS IS 2736, HONEY GREEK AVE, NE ADA, MI 49301, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	14/10/2013
TITLE	ELECTRICAL POWER UNIT FOR A WORK SURFACE

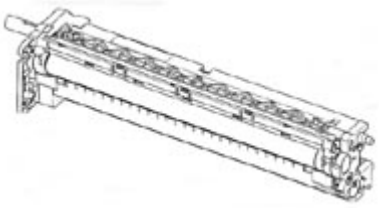
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/452,254	15/04/2013	U.S.A.

DESIGN NUMBER	259630
CLASS	14-02
1)SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA	
DATE OF REGISTRATION	23/01/2014
TITLE	TONER CARTRIDGE FOR COPY MACHINE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0038443	25/07/2013	REPUBLIC OF KOREA



DESIGN NUMBER	256259
CLASS	09-01
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	06/09/2013
TITLE	CONTAINER-POD

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/447,925	07/03/2013	U.S.A.

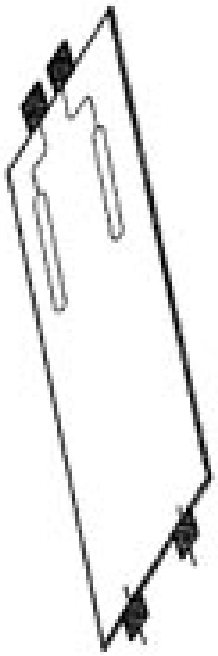
DESIGN NUMBER	254499
CLASS	22-01
1)MAGPUL INDUSTRIES CORPORATION, 400 YOUNG COURT, UNIT 1, ERIE, COLORADO 80516, UNITED STATES OF AMERICA, A COLORADO CORPORATION	
DATE OF REGISTRATION	13/06/2013
TITLE	RAIL COVER PANEL FOR A FIREARM

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/440,791	27/12/2012	U.S.A.

DESIGN NUMBER	258952
CLASS	24-02
1)MR. SACHIN G. LOKAPURE(INDIA). A PROPRIETOR OF SAGLO® RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS 5099, NEAR ASHA TALKIES, OPP. OMKAR APPT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	24/12/2013
TITLE	MICROBIAL ELECTROLYSIS BATTERY

PRIORITY NA



DESIGN NUMBER	258496
CLASS	02-04
1)JOSE JOSEPH, MAXY JOSEPH, SONIA TONY AND ABEY JOSEPH, TRADING IN PARTNERSHIP AS M/S. JOSCO RUBBERS, AT 8/50, MOONALINGAL, OPP. TO FIRE STATION, CALICUT-673032, KERALA, INDIA	
DATE OF REGISTRATION	29/11/2013
TITLE	FOOTWEAR

PRIORITY NA

DESIGN NUMBER	259502
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

DESIGN NUMBER	257271
CLASS	26-06
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN	
DATE OF REGISTRATION	08/10/2013
TITLE	HEADLAMP FOR VEHICLE

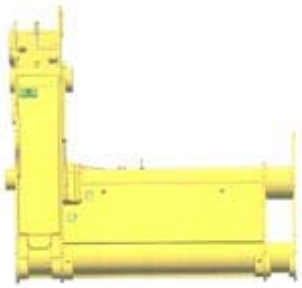
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002219600-0001	12/04/2013	OHIM

DESIGN NUMBER	259632
CLASS	23-01
1)HANSGROHE SE, OF AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	23/01/2014
TITLE	SANITARY FAUCET

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001379093-0002	26/07/2013	OHIM

DESIGN NUMBER	257759	
CLASS	12-16	
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA		
DATE OF REGISTRATION	25/10/2013	
TITLE	BOOM FOR SKID STEER LOADER	
PRIORITY NA		

DESIGN NUMBER	257941	
CLASS	15-07	
1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA, 2275 ADAT BAZAR, AHMEDNAGAR-414 001, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	01/11/2013	
TITLE	REFRIGERATOR	
PRIORITY NA		

DESIGN NUMBER	258149	
CLASS	24-02	
1)DEPUY (IRELAND), OF LOUGHBEG INDUSTRIAL ESTATE, RINGASKIDDY, CO CORK, IRELAND		
DATE OF REGISTRATION	14/11/2013	
TITLE	ORTHOPAEDIC SURGICAL INSTRUMENT	

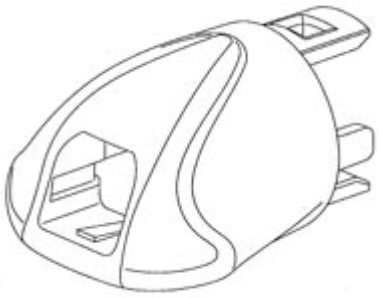
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/457,168	07/06/2013	U.S.A.

DESIGN NUMBER	256122
CLASS	24-01
1)ETHICON, INC., A CORPORATION FORMED UNDER THE LAW OF THE STATE OF NEW JERSEY, OF U.S. HWY. ROUTE 22, SOMERVILLE, NJ 08876, U.S.A.	
DATE OF REGISTRATION	30/08/2013
TITLE	TIP OF SURGICAL APPLICATOR INSTRUMENT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/447,579	05/03/2013	U.S.A.



DESIGN NUMBER	254496
CLASS	22-01
1)MAGPUL INDUSTRIES CORPORATION, 400 YOUNG COURT, UNIT 1, ERIE, COLORADO 80516, UNITED STATES OF AMERICA, A COLORADO CORPORATION	
DATE OF REGISTRATION	13/06/2013
TITLE	RAIL COVER PANEL FOR A FIREARM

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/440,345	20/12/2012	U.S.A.

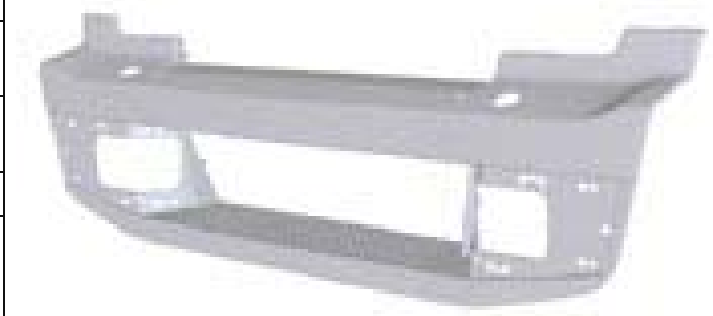
DESIGN NUMBER	259449
CLASS	09-04
1)ENRICH PLASTIC BAZAR., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT SHOP NO. 2/3, MARKAZ VIEW CHS LTD., 137-139, S. V. ROAD, JOGESHWARI (WEST), MUMBAI-400102. MAHARASHTRA, INDIA. WHOSE PARTNERS ARE (1) BADRE ALAM SHAMSI. (INDIAN NATIONAL), (2) SAUD ALAM SHAMSI. (INDIAN NATIONAL), (3) TAHA ALAM SHAMSI. (INDIAN NATIONAL), (4) FAHD ALAM SHAMSI. (INDIAN NATIONAL) & (5) ASAD ALAM SHAMSI. (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS	
DATE OF REGISTRATION	16/01/2014
TITLE	BASKET
PRIORITY NA	

DESIGN NUMBER	259501
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

DESIGN NUMBER	257262
CLASS	12-16
1)VOLVO LASTVAGNAR AB, OF 405 08 GÖTEBORG, SWEDEN	
DATE OF REGISTRATION	08/10/2013
TITLE	FRONT PANEL FOR VEHICLE

PRIORITY

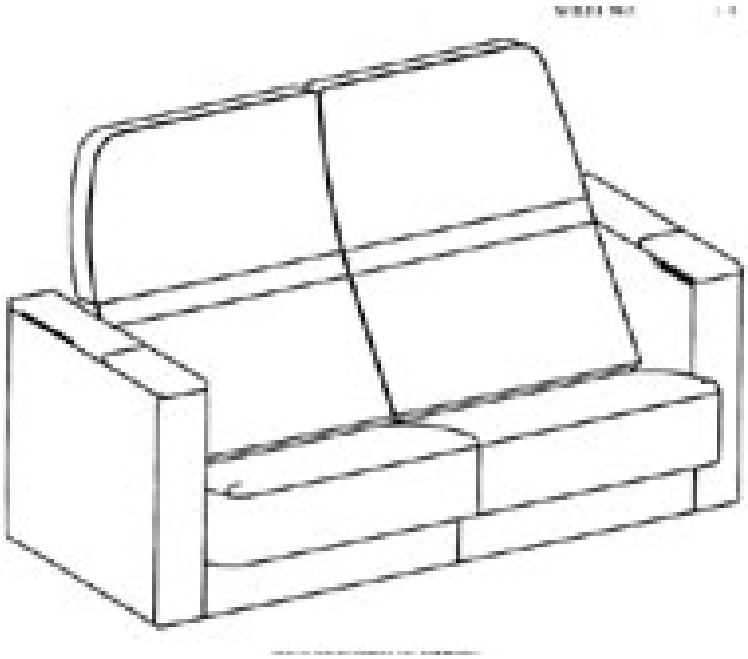
PRIORITY NUMBER	DATE	COUNTRY
002219568-0005	12/04/2013	OHIM



DESIGN NUMBER	257499
CLASS	06-01
1)ETIHAD AIRWAYS, A PRIVATE JOINT STOCK COMPANY ORGANIZED UNDER THE LAWS OF THE UAE, PO BOX 35566, NEW AIRPORT ROAD, ABU DHABI, UNITED ARAB EMIRATES.	
DATE OF REGISTRATION	14/10/2013
TITLE	SEAT FOR VEHICLES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002220285	15/04/2013	EUROPEAN UNION



DESIGN NUMBER	258148
CLASS	24-02
1)DEPUY (IRELAND), OF LOUGHBEG INDUSTRIAL ESTATE, RINGASKIDDY, CO CORK, IRELAND	
DATE OF REGISTRATION	14/11/2013
TITLE	ORTHOPAEDIC SURGICAL INSTRUMENT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/457,168	07/06/2013	U.S.A.

DESIGN NUMBER	258504
CLASS	28-03
1)RIAMBEL PTY LTD, AN AUSTRALIAN COMPANY, OF 19 MARTON ROAD, BALCATTA, WESTERN AUSTRALIA 6021, AUSTRALIA	
DATE OF REGISTRATION	29/11/2013
TITLE	HEAD SUPPORT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201312515	30/05/2013	AUSTRALIA

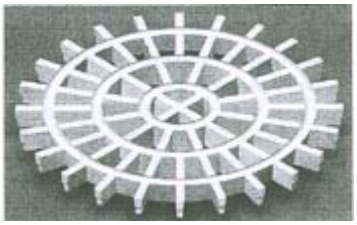
DESIGN NUMBER	257295
CLASS	14-01
1)JVC KENWOOD CORPORATION, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS REGISTERED OFFICE AT 3-12, MORIYACHO, KANAGAWA-KU, YOKOHAMA-SHI, KANAGAWA, 221-0022, JAPAN	
DATE OF REGISTRATION	08/10/2013
TITLE	DIGITAL VIDEO DISC PLAYER FOR VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-010491	14/05/2013	JAPAN

DESIGN NUMBER	259503	
CLASS	11-02	
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS		
DATE OF REGISTRATION	20/01/2014	
TITLE	FLOWER VASE	
PRIORITY NA		

DESIGN NUMBER	259814	
CLASS	12-11	
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	29/01/2014	
TITLE	GRAB HANDLE FOR MOTORCYCLE	
PRIORITY NA		

DESIGN NUMBER	256140	
CLASS	25-02	
1)BLÜCHER METAL A/S A COMPANY INCORPORATED UNDER THE LAWS OF DENMARK AND HAVING THEIR ADDRESS AT PUGDALVEJ 1, 7480 VILDBJERG, DENMARK		
DATE OF REGISTRATION	30/08/2013	
TITLE	GRATINGS FOR DRAINS	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
002199984-001	11/03/2013	OHIM

DESIGN NUMBER	254483
CLASS	07-07
1)EPPENDORF AG, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF GERMANY, HAVING ITS REGISTERED OFFICE AT BARKHAUSENWEG 1, DE-22339, HAMBURG, GERMANY	
DATE OF REGISTRATION	13/06/2013
TITLE	BUCKET USED FOR CENTRIFUGE DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
402012005801.7	14/12/2012	GERMANY

DESIGN NUMBER	258407
CLASS	26-99
1)EARTH FRIENDLY INDIA PVT. LTD., PLOT NO. 3-A, TIVIM INDUSTRIAL ESTATE, KARASWADA, MAPUSA, BARDEZ GOA-403507, INDIA	
DATE OF REGISTRATION	27/11/2013
TITLE	LIGHTING APPARATUS
PRIORITY NA	

DESIGN NUMBER	255491
CLASS	16-06
1)PATRICK C. HO, A US CITIZEN, HAVING ITS OFFICE AT 4, QUAIL RUN, HILTON, NY 14468, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	29/07/2013
TITLE	EYEGLASS FRAME

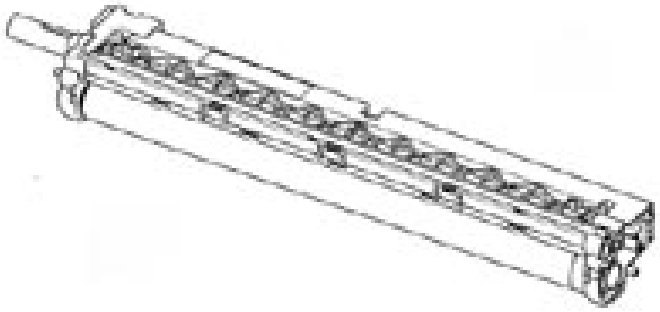
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/444,327	29/01/2013	U.S.A.

DESIGN NUMBER	259628
CLASS	14-02
1)SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA	
DATE OF REGISTRATION	23/01/2014
TITLE	TONER CARTRIDGE FOR COPY MACHINE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0038445	25/07/2013	REPUBLIC OF KOREA



DESIGN NUMBER	259697
CLASS	12-16
1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057	
DATE OF REGISTRATION	27/01/2014
TITLE	FAIRING FOR MOTORCYCLES
PRIORITY NA	

DESIGN NUMBER	255652
CLASS	08-06
1)CHHANDRAKANTBHAI RANCHODBHAI RANGANI (INDIAN NATIONALS) SOLE PROPRIETOR OF DEV MARKETING (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT-NR. BHILAI WAY, BRIDGE FURNITURE STREET, JILLA GARDEN MAIN ROAD, BAPUNAGAR, RAJKOT-GUJARAT (INDIA)	
DATE OF REGISTRATION	06/08/2013
TITLE	HANDLE
PRIORITY NA	

DESIGN NUMBER	259404	
CLASS	26-04	
1)COOPER CROUSE-HINDS GMBH, A GERMAN COMPANY OF SENATOR-SCHWARTZ-RING 26, 59494 SOEST, GERMANY		
DATE OF REGISTRATION	15/01/2014	
TITLE	LED MODULE	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
002274514	15/07/2013	OHIM

DESIGN NUMBER	259505	
CLASS	11-02	
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS		
DATE OF REGISTRATION	20/01/2014	
TITLE	FLOWER VASE	
PRIORITY NA		

DESIGN NUMBER	257769	
CLASS	13-03	
1)DAIWA KASEI KOGYO KABUSHIKI KAISHA, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS REGISTERED OFFICE AT 1, AZA KAMIHIRACHI, HOBO-CHO, OKAZAKI-SHI, AICHI-KEN, JAPAN		
DATE OF REGISTRATION	25/10/2013	
TITLE	CLIP FOR WIREHARNESS OF VEHICLE	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
2013-9502	26/04/2013	JAPAN

DESIGN NUMBER	257944
CLASS	15-07
1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA, 2275 ADAT BAZAR, AHMEDNAGAR-414 001, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	01/11/2013
TITLE	HANDLE FOR REFRIGERATOR
PRIORITY NA	

DESIGN NUMBER	259405
CLASS	26-04
1)COOPER CROUSE-HINDS GMBH, A GERMAN COMPANY OF SENATOR-SCHWARTZ-RING 26, 59494 SOEST, GERMANY	
DATE OF REGISTRATION	15/01/2014
TITLE	LED MODULE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002274514	15/07/2013	OHIM

DESIGN NUMBER	259506
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	

DESIGN NUMBER	259643	
CLASS	03-03	
1)TYNOR ORTHOTICS PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ADDRESS AT D-111, INDUSTRIAL AREA, PHASE-7, MOHALI-160055, PUNJAB, INDIA		
DATE OF REGISTRATION	24/01/2014	
TITLE	UNDER ARM PAD FOR CRUTCH	
PRIORITY NA		

DESIGN NUMBER	257804	
CLASS	08-07	
1)BHARAT HEAVY ELECTRICALS LIMITED, WITH ONE OF ITS REGIONAL OFFICES AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO. 9/1, DJ BLOCK, 3RD FLOOR, KARUNAMOYEE, SLAT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI FORT, NEW DELHI-110049, INDIA, AN INDIAN COMPANY.		
DATE OF REGISTRATION	28/10/2013	
TITLE	LOCKING DEVICE FOR HYDRAULIC BUTTERFLY VALVES	
PRIORITY NA		

DESIGN NUMBER	257954	
CLASS	08-09	
1)KYOSHIN KOGYO CO., LTD, A CORPORATION INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS OFFICE AT 20-7, EBIE 7-CHOME, FUKUSHIMA-KU, OSAKA-SHI, OSAKA, JAPAN		
DATE OF REGISTRATION	04/11/2013	
TITLE	COLLET CHUCK FOR PIPE EXPANDER	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0023154	02/05/2013	REPUBLIC OF KOREA

DESIGN NUMBER	256900
CLASS	26-04
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	30/09/2013
TITLE	LED BULB
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002242891-0002	23/05/2013	OHIM

DESIGN NUMBER	250670
CLASS	12-16
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY	
DATE OF REGISTRATION	03/01/2013
TITLE	FRONT BUMPER OF A UTILITY VEHICLE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DESIGN NUMBER	256331
CLASS	24-04
1)PATEL JAGDISH M., B-209, SHREEJI APPT., K.K. NAGAR-UMIYA HALL ROAD, GHATLODIYA, AHMEDABAD-380061	
DATE OF REGISTRATION	10/09/2013
TITLE	THROAT SPRAYER
PRIORITY NA