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

10th OCTOBER, 2014

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THE PATENT OFFICE
KOLKATA, 10/10/2014
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 10/10/2014

कार्यालयों के क्षेत्राधिकार के पते

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

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार 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.

CORRIGENDUM

The Patent Application No. 926/KOLNP/2013 was published in Page No. 11558 of the Official Journal No 15/2014 dated 11/04/2014 which should be read as :-

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2013
(21) Application No.926/KOLNP/2013 A
(43) Publication Date : 11/04/2014

(54) Title of the invention : METHOD AND EQUIPMENT FOR PRODUCING COKE DURING INDIRECTLY HEATED GASIFICATION

(51) International classification : C10B47/18,C10J3/20
(31) Priority Document No :1001004-9
(32) Priority Date :11/10/2010
(33) Name of priority country :SWEDEN
(86) International Application No :PCT/SE2011/000176
Filing Date :10/10/2011
(87) International Publication No :WO 2012/050498
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CORTUS AB
Address of Applicant :Norrgårdavägen 4A, S-192 69 Sollentuna, Sweden
(72)**Name of Inventor :**
1) LJUNGGREN, Rolf

(57) Abstract :
The present invention relates to a method for producing coke (PC) during indirectly heated gasification, in which coal particles are supplied to a gasification reactor (1) and process gas (P) supplied during the gasification is reduced in it to synthesis gas (S), whereby the synthesis gas (S) is removed from the gasification reactor (1). The invention also relates to equipment for carrying out the method. The method in accordance with the present invention is distinguished in that at the same time a gasification takes place, a coking of coal takes place in an inner reactor (4) arranged inside the gasification reactor (1), that the inner reactor (4) is indirectly heated, that coke (PC) and combustible gases are produced in the inner reactor (4) during the coking, and that the combustible gases are used for the indirect heating in the gasification in the gasification reactor (1).

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/03/2014

(43) Publication Date : 10/10/2014

(54) Title of the invention : SWITCHING MECHANISM FOR RESIDUAL CURRENT CIRCUIT BREAKERS

(51) International classification	:H01H1/50, H01H71/46
(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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1)LARSEN & TOUBRO LIMITED

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(72)**Name of Inventor :**

1)AJABSINGH S PARDESHI

2)PRANAV PATIL

3)GANESH R SHETYE

(57) Abstract :

Disclosed is a switching mechanism for a residual current circuit breaker. The switching mechanism comprises a lock lever, and a lever connected to the lock lever by a lever link. The lever includes a cam surface with sharp corners which overlaps and latches the lock lever. Further, the switching mechanism comprises a spring member having one end engaged with arm of the lock lever for imparting a reverse effect and other end secured to the top plate of a housing of the residual current circuit breaker. Furthermore, the switching mechanism comprises a reset lever for resetting a trigger (PMR) after every trip operation. The tripping force provided by the trigger (PMR) causes disengagement of the lock lever and the lever resulting in to tripping. Also, the switching mechanism comprises a release lever for releasing the lock lever from latching position to free position after every trip operation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.1287/MUM/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SKYLIGHT SOLAR REFLECTOR.

(51) International classification	:E04D13/03, F24J2/40,F24J2/54
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PANCHAL, MAHESH J.

(57) Abstract :
The present invention relates broadly to a method of constructing a skylight solar reflector assembly together with the solar reflector. In the present invention solar reflector are light transmission systems for the interior of the building. The present invention relates generally to a skylight solar reflector device and, more particularly, to a skylight solar reflector device that conveys light from an exterior roof to an interior ceiling.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014

(21) Application No.1118/MUM/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MINIATURE CIRCUIT BREAKER

(51) International classification	:H01H37/54, H01H71/16, H01H73/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BITHI CHAUHAN
2)RISHABH DIXIT

(57) Abstract :
Disclosed is a miniature circuit breaker. The miniature circuit breaker comprises a housing, a box clamp, an U-frame. an arc runner frame, a moving contact, a fixed contact, a coil welded to the box clamp, a bimetal joined to the U-frame, a first braided wire connected to the bimetal, a second braided wire, a knob and a pair of din clips. The miniature circuit breaker comprises a welding group that provides a series path of current to flow through the miniature circuit breaker against the parallel path. The welding group gives a consistent thermal performance.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2013

(21) Application No.2116/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AYURVEDIC BASE AND FORMULATION FOR WOUND CARE

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NIDAMARTHI VENKATA NARASIMHA MOORTHY
2)NIDAMARTHI SAKUNTHALA BHARGAVI
3)NIDAMARTHI HIMABINDU

(57) Abstract :
A novel particles base(vehicle) to make varied wound care formulations with addition of herbal extracts and also to bring out an innovative combination therapy of Particles and Cream to treat Bleeding injuries, Diabetic foot, Pressure sores, chronic non healing ulcers/wounds/skin conditions of varied aetiology with exclusive properties like plugging bleeding points, absorbing exudates, relieving oedema, relieving cellulitis, making the wound impermeable to new infections, sealing off the wound and creating moist environs for faster healing, faster proliferation of granulation tissue etc.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2013

(21) Application No.3436/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL PHARMACEUTICAL PROCESS FOR CHEWABLE FORMULATION

(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)BAFNA PHARMACEUTICALS LIMITED
Address of Applicant :299, THAMBU CHETTY STREET, CHENNAI - 600 001 Tamil Nadu India
(72)**Name of Inventor :**
1)MANOJ KUMAR SINGH

(57) Abstract :
The invention pertains to a reasonable process of developing an excipient base comprising a soft chewable hematinic tablet comprising coating with Methacrylic acid and Methacrylate copolymers for gastro-resistant activity and effective taste masking activity, providing overall target release into the duodenum. The copolymer coating done by multi-layer particle (granule) coating technology by fluid bed processor. The excipient base also provides combination of mouth-feel enhancing diluents along with an acidifier, alkalizer, sweetener and flavors for providing improved taste, stabilization and mouth-feel qualities, followed by seal coating for moisture barrier, and a film coat comprising the same sweetener, flavor and colorants as used in wet granulation and pre-lubrication.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2013

(21) Application No.3437/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EFFECTIVE TASTE-MASKED CHEWABLE SOLID ORAL DOSAGE FORM-CHEWABLE TABLET

(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

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1)BAFNA PHARMACEUTICALS LIMITED
Address of Applicant :299, THAMBU CHETTY STREET, CHENNAI - 600 001 Tamil Nadu India
(72)**Name of Inventor :**
1)MANOJ KUMAR SINGH

(57) Abstract :
The invention pertains to a reasonable formulation with an excipient base comprising a soft chewable tablet with a hematinic and a nutritional supplement, comprising coating with Methacrylic acid and Methacrylate copolymers for gastro-resistant activity and enhanced taste masking effect, providing overall target release into the duodenum. The copolymer coating done by multi-layer particle (granule) coating technology by fluid bed processor. The excipient base also provides combination of improved mouth-feel, taste and stabilization and suitable for persons with hypoglycemia or diabetes. The formulation does not promote tooth decay or dental caries, and provides enhanced iron absorption by targeted release into duodenum.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.4038/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MUSIC AND SOUND ASSISTED PRENATAL SONOGRAPHY HELPING APPARATUS

(51) International classification :a61b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MUTTATH FRANCIS DAVIS
Address of Applicant :MUTTATH HOUSE, WEST CHALAKUDY, THRISSUR DISTRICT Kerala India
(72)**Name of Inventor :**
1)MUTTATH FRANCIS DEVIS

(57) Abstract :
A novel apparatus and a non invasive method by stimulating the fetus for the neurobehavioral assessment / well being of the fetus in 4D antenatal scan, in which individually customized and edited auditory stimuli of specific combinations are used to elicit a fetal response enabling a sonographic study. The main components of the apparatus are a fetal music and sound stimulator that serves as the stimuli generator/ source, speakers to impart the acoustic stimuli when fixed to the mothers abdomen, also has a microphone to add mothers /strangers voice. An electronic stethoscope for adding the mothers heart sounds, bowel sounds and finally Vibro Acoustic Stimulator (VAS) to use in case of failure to elicit a desired effect with the customized stimuli. Specific and edited combinations of these individual auditory stimuli in the new invent can also be used to alter the fetal behavioral state during a study with near zero risk and thereby making this apparatus one of its kind in diagnostic radiology.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2014

(21) Application No.4096/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A NOVEL ROTATING AIR SWIRL DIFFUSER DEVELOPMENT FOR AUGMENTATION OF AIR SWIRL IN 4-STROKE CI ENGINE

(51) International classification :f02b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DR. HIREGOUDAR YERRENNAGOUDAR

(57) Abstract :
A three blades /vanes of Rotating Air Swirl Diffuser made up of with tungsten carbide metal, a newly designed Air Swirl Diffuser is placed on conventional in let valve tappet of 4-stroke diesel engine. This newly designed Rotating Air Swirl Diffuser can be used in a 4-stroke diesel engine inlet valve tappet either with total or partial blending of diesel with any other alternative fuels or with diesel alone as fuel. This newly designed Rotating Air Swirl Diffuser considerably reduces emission of toxic gases, like carbon monoxide and hydrocarbons from exhaust gases. This newly designed Rotating Air Swirl Diffuser can also be used with high viscous and low cetane fuels like alcohols and vegetable oils. This newly designed Rotating Air Swirl Diffuser produces high swirl than valve masking.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2014

(21) Application No.4097/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A NOVEL ROTATING LIQUID FUEL SWIRL DIFFUSER DEVELOPMENT FOR DIESEL SWIRL INJECTION IN CI ENGINE

(51) International classification :f02b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. HIREGOUDAR YERRENNAGOUDAR

(57) Abstract :
4 holes 10 fins Novel Rotating Liquid Fuel Swirl Diffuser made up of with high speed steel (HSS metal) metal, This newly designed 4 holes 10 fins Novel Rotating Liquid Fuel Diffuser can be used in a 4-stroke diesel engine fixed in the conventional fuel injector with nozzle in 4-stroke diesel engine. This modified 4 holes 10 fins Novel Rotating Liquid Fuel Diffuser can be used in a 4-stroke diesel engine for fuel injection either with total or partial blending of diesel with methanol or ethanol or with vegetable oils or with diesel alone as fuel. This modification considerably reduces the emissions of toxic gases like CO (carbon monoxide) and HC(hydrocarbons) from exhaust gases. This newly designed Rotating Liquid Fuel Diffiiser can also be used with high viscous and low cetane fuels like alcohols and vegetable oils. This newly designed Rotating Liquid Fuel swirl Diffiiser produces high swirl than conventional fuel injector.

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

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

(21) Application No.4140/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A NOVEL SEMI-ADIABATIC AIR-GAP HYBRID CERAMIC WITH BIMETALLIC METAL MATRICES CROWN PISTON FOR C I ENGINE AS UNCONVENTIONAL CATALYTIC CONVERTER FOR THE REDUCTION OF EXHAUST EMISSIONS USING BIO-FUELS (LOW CETANE FUELS)

(51) International classification :f02b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DR. HIREGOUDAR YERRENNAGOUDAR

(57) Abstract :
Semi-Adiabatic Air-Gap Hybrid Ceramic With Bimetallic Metal Matrices Crown coated with platinum /Gold piston a modification of a conventional piston of diesel engine, is provided with a Hybrid Ceramic With Bimetallic Metal Matrices Crown coated with platinum /Gold crown at the top of the piston and 3 mm air gap just below the Hybrid Ceramic With Bimetallic Metal Matrices Crown coated with platinum /Gold crown. This modified piston can be used in a diesel engine either with total or partial blending of diesel with methanol or ethanol or with diesel alone or vegetable oils as fuel and this modification considerably reduces emission of toxic gases, like carbon monoxide and hydrocarbons, from exhaust gases. These modified pistons can also be used with high viscous and low cetane fuels like alcohols and vegetable oils. Platinum /Gold being less prone to oxidation (in precious metal group), Platinum /Gold crown piston lasts considerably longer.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.4339/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A WEFTLESS NON WOVEN LOOP PILE MAT AND A PROCESS FOR MANUFACTURING THE SAME

(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)MR. SEBASTIAN KURIAN

(57) Abstract :
The invention relates to weftless non-woven loop pile coir mat having loops/ rib formation made of coir yarn and process of manufacturing the same comprising the steps of twisting coir yarn on stainless steel rods placed parallel side by side and thereafter placing the twisted assembly stainless steel rods on screw compressors having number of guiding blades supported on a movable supporter by means of screw means for pressing yarns laterally to make closeness of yarn on the rod. The compressed steel rod assembly is thereon placed in an iron frame mould for moulding with Rubber or PVC compound. After completion of moulding process the moulded mat formation in Rubber/PVC compound having assembly of stainless steel rods removed from the mould. Now all steel rods pulled out from the moulded mat formation to derive the mat.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2014

(21) Application No.4458/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ADJUSTABLE MULTI ROW MULTI GRAIN AND FERTILIZER DRILLER MACHINE FOR AGRICULTURE

(51) International classification :a01b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAMACHANDRAN RAMESH
2)RAMACHANDRAN SURESH

(57) Abstract :
Multi row multi grain driller machine for farming is disclosed. The grain driller machine includes a seed tank cum bearing assembled with a frame and a seed picker cylinder assembled in bearing rings. The frame consists of seed guide cum plough and a pull rod attached to it. Seed picker consists of a seed metering arms and seed pockets in the circumference of the seed picker cylinder. The tank cum bearing consists of a seed tank and seed mouth which is aligned with seed pockets. When the assembly is pulled in the farm land using the pull rod, the seed picker rotates inside the bearing rings to collect seeds from tank in to seed pockets. Then the seeds will be dropped on to the guide which supplies the seeds to plough furrows. The metering arms which are attached with the seed picker cylinder rotate the seed picker to pick seed from tank to seed guide. Seed selector rings provides the flexibility to select the size of the seed pocket. Metering arms gives the flexibility to predetermine the seed to seed spacing, as it rotates the seed picker cylinder with respect to the frame movement. The axial retention device includes a pocket defined in a mating surface of one of a turbine component and a support structure. Thus the multi grain driller has the flexibility to accommodate almost all type of grains and with inter seed spacing and intra seed spacing control.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.4340/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BRUSH MAT TUFTED WITH FIBRE SINGULARLY AND A PROCESS FOR MANUFACTURING THE SAME

(51) International classification :g02b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MR. SEBASTIAN KURIAN

(57) Abstract :
The invention relates to a tufted fibre brush mat made of fibres tufted singularly which holds the singular fibre impregnated stands vertical and upwards from the base free of its natural curliness and a process for manufacturing the same. The process comprises steps of pulling fibre winded on a spool through the number of M. S. Square scale/strip having holes in a straight line and aligned for fibre to pass through firmly placed on a table side by side in a desired gap. The fibre is pulled through the holes in alignment the assembled scale in such a manner that all the holes will be filled with fibre in the tight manner with the help of a hook on one end and a mechanically operating winding roll on the other end to make the twisted fibre straight. The said fibre straightened is cut by moving slitting machine in between the gaps of the square scale mechanically. A frame, having requisite size and capable of holding fibre fitted scale placed over hessian/gauze cloth spread with rubber or PVC compound uniformly. The said fibre fitted scale removed from the said table and fixed on the said frame locking with the steady pins on both sides to hold the scale so that the fibre protruding on the one side of the scale will be embedded into PVC or latex based compound. The scale fixed frame placed on a hydraulic press for curing and vulcanization. After completion of the vulcanization and curing process the frame will be removed from the said hydraulic press and the said square scales/strips removed by releasing the steady pin to get the brush mat product.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2014

(21) Application No.4575/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROTATING FLAT DIE PLATE PELLETIZING MACHINE

(51) International classification :b30b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OLLY NAGARJUNA

(57) Abstract :
The rotating flat die pelletizing machine comprise of a die plate (25) having plurality of axial holes (25a) capable of axially rotating inside a stationary cylindrical housing and press rollers (28) rotating its own axis, fixed on to a 5 stationary roller shaft (27) parallel to the surface of the die plate (25), capable of pressing the product material engaged between the rotating die plate (25) and roller (28) kept pressed. A central shaft (10), holds the rotating die plate (25) at its proximal end and provided with a crown housing (9) towards the distal end and made to rotate by means of a crown (16) and pinion provided 10 to a pinion shaft (13) on proximal end and a rotating means at the distal end. A blade (24) is fixed at the second main frame (23), just below the die plate (25) to cut the pellet to desired length.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.4505/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXHAUST SILENCER FOR MOTOR VEHICLE

(51) International classification :f01n
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Prashanth ANANTHARAM
2)Pradeep Kumar RAJAPPA
3)Sachin Shrikant JOSHI

(57) Abstract :
The present invention provides an exhaust silencer (100) for a motor vehicle, wherein the exhaust silencer (100) comprises an exhaust pipe (101) connected to an exhaust outlet of an engine at one end and left open at a free end (102). A black acoustic part (3) surrounds the exhaust pipe (101), and a heat shield (104) is placed between the exhaust pipe (101) and the acoustic part (103) to form an inner air zone (105) below the heat shield (104), and an outer air zone (106) above the heat shield (104). Multiple rows of groove cutouts (107) are formed in the heat shield (104), wherein at least one row of groove cutouts (107) face away from the free end (102) of the exhaust pipe (101) and at least one row of groove cutouts (107) face towards the free end (102) of the exhaust pipe (101).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.4586/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR RECOGNIZING ALPHANUMERIC CHARACTERS

(51) International classification :g06k
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAGHAVENDRA HOSABETTU
2)ANIL KUMAR LENKA

(57) Abstract :
Systems and methods for recognizing alphanumeric characters are described. In one implementation, the method for recognizing alphanumeric characters comprises receiving features for each of the alphanumeric characters to be recognized. The features comprises at least one of number of lines, length of lines, number of arcs, length of arcs, number of loops, length of loops, number of junctions, junction positions, or total length of lines, arcs, and loops. Further, the method comprises creating a vector for each of the alphanumeric characters based on the features. Further, the method comprises comparing the vector with a reference vector obtained from a reference database. Further, the method comprises determining an array of probabilities for each of the alphanumeric characters based on the comparison. Further, the method comprises recognizing the alphanumeric characters based on the array of probabilities.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.4600/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PATENTING OF HUMAN WHOLE BLOOD AS REDOX ACTIVE THIN FILM ELECTRODE

(51) International classification :g01n
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KHAIRUNNISA AMREEN
(72)**Name of Inventor :**
1)ANNAMALAI SENTHIL KUMAR
2)KHAIRUNNISA AMREEN

(57) Abstract :
Human whole blood (b-Hb) patented electrode consisting of commercially available nanomaterial and protecting polymer has been invented in this work. This patented electrode showed a specific redox peak at apparent redox potential at E° 0.38±0.02 V vs. Ag/AgCl in pH 7 nitrogen (N2) purgedphosphate buffer solution (PBS) which is corresponding to blood hemoglobin, selectively. The whole blood chemically modified electrode was fabricated with simple method of preparation within 40±2 minutes. Blood Hemoglobindiseased samples such as aplastic anemic and thalassemia were also patented. These diseased samples showed marked alteration in the redox peak current signals against timings unlike to stable redox current response with normal blood sample. Identification of abnormality of the blood hemoglobin with electrochemical method is introduced for the first time here.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014

(21) Application No.4676/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMALLY MANAGING HETEROGENEOUS DATA IN A DISTRIBUTED STORAGE ENVIRONMENT

(51) International classification :g06f
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ABHISHEK SUMAN

(57) Abstract :
The present disclosure relates to systems, methods, and non-transitory computer-readable media for optimally managing heterogeneous data in a distributed environment in real time. The method comprises initializing a first storage pool capable of storing data from one or more sources, the first storage pool being distributed across one or more computing devices. Then data from the one or more sources may be stored in the first storage pool. Subsequently, one or more memory pools may be generated in a second storage pool based on amount of data to be stored in the first storage pool and one or more parameters associated with the data stored in the first storage pool. Finally, metadata is created in a first memory pool of the one or more memory pools for the data stored in the first storage pool, the metadata capable of retrieving the data stored in the first storage pool in real-time .

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014

(21) Application No.4658/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING PRODUCT RECOMMENDATIONS

(51) International classification :g06q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ABHISHEK GUNJAN
2)SHILPA GOPINATH

(57) Abstract :
Systems and methods for providing product recommendations are described. In one implementation, the method comprises determining personality traits of a sender and a recipient by applying a five-factor model to a plurality of datasets. Further, the method comprises associating a personality-product score with each of a plurality of products based on the personality traits and performing a need analysis on the user data to determine desired products from amongst the plurality of products. Further, the method comprises determining a multidimensional collaborative matrix by aggregating the personality traits, the personality-product score, the desired products, and product psychographic portfolio. Further, the method comprises determining an affinity score for at least one of the sender and the recipient towards each of the plurality of products based on the multidimensional collaborative matrix and recommending at least one product from amongst the plurality of products to the sender based on the affinity score.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2014

(21) Application No.4467/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING RECUPERATION IN VEHICLE

(51) International classification :b60t
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Kiran RAVINDRAN
2)Abhilash DOMBARA
3)Netra METI

(57) Abstract :
The present invention providesa system and method for controlling recuperation in a vehicle during downhill journey without damaging the battery of a vehicle andmakes use of all the recuperation available by avoiding mechanical braking and increased fuel efficiency. The system includes a sensor for sensing a charge level of a battery, a detecting means for detecting gradient of a road ahead, a device for monitoring current speed of the vehicle, and a controller for controlling recuperation. The controller predicts possibility for recuperation based on the road gradient and determines whether the battery has reached its maximum current duration capacity (I2t), characterized in that recuperation is controlled based on the determination

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014

(21) Application No.4654/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING HEALTH CONDITION OF A SUBJECT

(51) International classification :a61b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)UPENDRA SUDDAMALLA

(57) Abstract :
Embodiments of the present disclosure disclose a method and system for determining health condition of a subject. First step of the method comprises receiving, by a computing unit, a first oxygen saturation level and a second oxygen saturation level from at least two sensors placed on the subject. Second step of the method comprises determining cerebral extraction of oxygen using the first and second oxygen saturation levels. Third step of the method comprises comparing the cerebral extraction of oxygen with a threshold level. Fourth step of the method comprises identifying a mental fatigue level of the subject based on outcome of the comparison, wherein the mental fatigue level indicates the health condition of the subject.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.4590/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING INTERACTION DIAGRAMS FOR A PROCESS

(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
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3)SUBODH PURUSHOTTAM KAWADKAR
4)NILESH RAME5H METKAR
5)THANGAPRAKASH KANAGARAJ
6)RAVI KRISHNAN LAKSHMI NARASIMHAN

(57) Abstract :
Embodiments of the present disclosure disclose a method and system for generating interaction diagrams for a process. First step of the method comprises determining selection of a process by a user through a user interface module. Second step of the method comprises obtaining parameters related to the process from a memory. Third step of the method comprises displaying the parameters associated with the process on the user interface module. Fourth step of the method comprises evaluating properties and corresponding inter-relations of the parameters for at least one of selected sub-process and one or more activities of the process. Fourth step of the method comprises indicating the parameters related to at least one of the selected sub-process and one or more activities of the process to generate interaction diagram for the process.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/09/2014

(21) Application No.4597/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AUTOMATIC STEERING USING ULTRA CAPACITOR

(51) International classification :b62D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DR. SARAVANA KUMAR

(57) Abstract :
Once the driver enables auto parking mode, the steering wheel rotates automatically based on the parking trajectory required.The speed, angle & direction of rotation of steering column will be sensed by Hall Effect based multi turn steering position sensor which will be powered by UltraCapacitor or any other energy storage device to provide power back up for recording the turn when main power goes off. This is also applicable for other magnetic sensing techniques such as MagnetoResistive(MR), AnisotropicMagnetoResistive(AMR), Giant MagnetoResistive (GMR)and other MagnetoResistive family

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2014

(21) Application No.6790/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COIL WINDING STRUCTURE AND ROTATING ELECTRICAL MACHINE

(51) International classification :H02K3/28,H02K21/22
(31) Priority Document No :2013009221
(32) Priority Date :22/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/050786
Filing Date :17/01/2014
(87) International Publication No :WO 2014/115650
(61) Patent of Addition 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)MATSUI Takanori

(57) Abstract :
A coil winding structure wherein: a U phase coil (U1 U6) is formed on each tooth corresponding to a U phase so as to be formed in a series so as to form a U phase coil group (UC); a V phase coil (V1 V6) is formed on each tooth corresponding to a V phase so as to be formed in a series so as to form a V phase coil group (VC); a W phase coil (W1 W6) is formed on each tooth corresponding to a W phase so as to be formed in a series so as to form a W phase coil group (WC); the U phase coil group (UC) V phase coil group (VC) and W phase coil group (WC) are connected in series; and input/output units (31a 31b 31c) are disposed in each phase coil group (UC VC WC) in a manner such that between two input/output units two phases of coils of differing quantity are present.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.916/KOL/2014 A

(22) Date of filing of Application :08/09/2014

(43) Publication Date : 10/10/2014

(54) Title of the invention : ULTRA-PORTABLE MINI WASHING MACHINE

(51) International classification :D06F39/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ANURAG MISHRA
4)MRITYUBJAY SHARMA
5)KRITI SAI SHUKLA

(57) Abstract :
Ultra-Portable Mini Washing Machine is an electrically powered device used for washing clothes. The machine has detachable legs (17) and thus it is easily transportable. Although it does not have any attached container of its own, it can be fitted into a wide range of standard sized receptacle buckets (26) with the help of its extendable arms (14). A direct current (D.C) motor provides the required force for washing through rotation of the legs (17) inside the bucket of clothes. These legs (17) not only provide the required agitation to the clothes by its oscillatory and rotatory action but also the required friction. The device has a separately placed electronic control unit to control the different modes and timings of operation. Portable Washing Machine has been designed to suit the needs of a single individual as an apparatus of household washing device that is highly safe and portable making it fit for use by frequent business travelers, hostellers, students and staff.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.910/KOL/2014 A

(22) Date of filing of Application :04/09/2014

(43) Publication Date : 10/10/2014

(54) Title of the invention : FLAME RETARDENT KITCHEN APRON

(51) International classification :A41D13/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PRIYANKA GANGULY
(72)**Name of Inventor :**
1)ZAYED AHMED
2)PRIYANKA GANGULY

(57) Abstract :
The present invention relates to a kitchen apron. More particularly, the present invention relates to the apron which is used by a wearer in kitchen to ensure safety from the hazards of fire and other hot spills & stains. Moreover this invention relates to the apron which can used by a wearer in total work in the kitchen without hindrance because he/she can do other housekeeping work at the same time. Furthermore this invention relates to the apron which is made of unique blend of Flame Retardarnt fibers and superior cotton which does not lose its flame retardarit property till its life. This invention relates to the multipurpose apron which provides safety specially to protect the wearer from the hazards of fire and other hot spill & stains in the kitchen which is equally convenient to use, safe and attractive.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.962/KOL/2014 A

(22) Date of filing of Application :23/09/2014

(43) Publication Date : 10/10/2014

(54) Title of the invention : A GREEN PROCESS FOR CONTINUOUS AND DIRECT PRODUCTION OF L-GLUTAMIC ACID

(51) International classification	:C12P7/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)PAL, Parimal**
(32) Priority Date	:NA	Address of Applicant :Environmental and Membrane
(33) Name of priority country	:NA	Technology Laboratory, Department of Chemical Engineering,
(86) International Application No	:NA	National Institute of Technology Durgapur, Mahatma Gandhi
Filing Date	:NA	Avenue, Durgapur-9, District Burdwan, West Bengal, 713209, .
(87) International Publication No	: NA	India
(61) Patent of Addition to Application Number	:NA	**2)KUMAR, Ramesh**
Filing Date	:NA	(72)**Name of Inventor :**
(62) Divisional to Application Number	:NA	**1)PAL, Parimal**
Filing Date	:NA	**2)KUMAR, Ramesh**

(57) Abstract :
The present disclosure provides a manufacturing system capable of producing L-glutamic acid continuously from a renewable carbon source, comprising; (a) a fermentation system for fermenting a carbon source with a microorganism to produce a fermentation broth comprising the L-glutamic acid; (b) a microfiltration system for separating the microorganism from the fermentation broth; and (c) a nanofiltration system for recovering the L-glutamic acid. The present disclosure also provides a process for continuous production of L-glutamic acid by using the manufacturing system of the present invention, comprising the steps of: (a) fermenting a carbon source in a fermentation system with microorganism to produce a fermentation broth comprising the L-glutamic acid; (b) separating the microorganism from the fermentation froth; and (c) recovering the L-glutamic acid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.1913/KOLNP/2014 A

(22) Date of filing of Application :08/09/2014

(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE ENCODING DEVICE, IMAGE ENCODING METHOD, IMAGE ENCODING PROGRAM, TRANSMISSION DEVICE, TRANSMISSION METHOD, TRANSMISSION PROGRAM, IMAGE DECODING DEVICE, IMAGE DECODING METHOD, IMAGE DECODING PROGRAM, RECEPTION DEVICE, RECEPTION METHOD, AND RECEPTION PROGRAM

(51) International classification :H04N7/32
(31) Priority Document No :2012-073574
(32) Priority Date :28/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001875
Filing Date :19/03/2013
(87) International Publication No :WO 2013/145642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAKAMURA, Hiroya
3)NISHITANI, Masayoshi
4)UEDA, Motoharu

(57) Abstract :
In this image encoding device which encodes an image and encodes a differential quantization parameter at a quantization encoding block unit that is a management unit of a quantization parameter resulting from splitting the image a quantization parameter calculation unit (110) derives the quantization parameter of the quantization encoding block that is to be encoded. A predicted quantization parameter derivation unit (114) derives a predicted quantization parameter using the quantization parameters of a plurality of quantization encoding blocks that precede in the order of encoding the quantization encoding block that is to be encoded. A differential quantization parameter generation unit (111) derives the differential quantization parameter of the quantization encoding block that is to be encoded by means of the difference between the predicted quantization parameter and the quantization parameter of the quantization encoding block that is to be encoded. A first encoded bitstream generation unit (112) encodes the differential quantization parameter of the quantization encoding block that is to be encoded.

No. of Pages : 83 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/09/2014

(21) Application No.1914/KOLNP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE ENCODING DEVICE, IMAGE ENCODING METHOD, IMAGE ENCODING PROGRAM, TRANSMISSION DEVICE, TRANSMISSION METHOD, TRANSMISSION PROGRAM, IMAGE DECODING DEVICE, IMAGE DECODING METHOD, IMAGE DECODING PROGRAM, RECEPTION DEVICE, RECEPTION METHOD, AND RECEPTION PROGRAM

(51) International classification	:H04N7/30
(31) Priority Document No	:2012-069718
(32) Priority Date	:26/03/2012
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2013/002033
Filing Date	:26/03/2013
(87) International Publication No	:WO 2013/145709
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KUMAKURA, Toru
2)FUKUSHIMA, Shigeru

(57) Abstract :
Provided is an image encoding device that divides a differential coefficient said differential coefficient being the conversion coefficient of a differential signal for an image to be encoded and a predicted image into a plurality of partial regions and encodes the differential coefficient in partial region units. For each differential coefficient within a partial region to be encoded a significant coefficient information encoding control unit (706) and an arithmetic encoding unit (701) encode significant differential coefficient information indicating that said differential coefficient has a differential coefficient value that is not 0 and that said differential coefficient value is significant. A differential coefficient value encoding control unit (707) and the arithmetic encoding unit (701) encode the differential coefficient values for each pixel within a partial region to be encoded when the significant differential coefficient information is significant. The significant coefficient information encoding control unit (706) determines a context for encoding the significant differential coefficient information within a partial region to be encoded on the basis of information indicating the significance of the differential coefficients within the partial regions that have been encoded.

No. of Pages : 93 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.927/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF MANUFACTURING DISPLAY DEVICE

(51) International classification :G03F1/68
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YANAI RYOICHI

(57) Abstract :
It is an object to efficiently produce a photomask having good pattern line width accuracy. A method of manufacturing a display device of the present invention comprises the steps of: preparing a photomask provided with a transfer pattern formed by respectively patterning a plurality of optical films formed on a transparent substrate; and transferring the transfer pattern to a substrate for a display device using the photomask and an exposure apparatus. The preparing a photomask comprises the steps of: forming a first resist pattern by carrying out drawing on a resist film applied on the plurality of optical films and performing first development; performing first etching for etching any of the optical films using the first resist pattern; forming a second resist pattern by performing second development to the resist pattern; and second etching any of the optical films using the second resist pattern.

No. of Pages : 28 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2014

(21) Application No.1003/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A HIGH FLUX LOW ENERGY OSMOTIC SYSTEM FOR ARSENIC REMOVAL AT LOW COST

(51) International classification :B01D61/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)CHAKRABORTTY, Sankha

(57) Abstract :
The present invention relates to an improved process and system for removal of arsenic contaminants from ground water to make it potable meeting the requirements set forth by WHO. The process and system of the disclosure provide forward osmosis technique using a draw solute that is recirculated after a downstream filtering of pure water to maintain draw solute concentration in draw solution. The system and process disclosed herein give high water flux that does not appreciably reduce with time due to fouling thus making them viable for widespread use to mitigate hardship faced by multitudes due to non-availability of treated potable water.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.888/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HEAT COLLECTING HOOD FOR HIGH TEMPERATURE FURNACE

(51) International classification :F24C15/34
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SUDHINDRA NATH SEN GUPTA

(57) Abstract :
A hood with specially treated high absorptivity inside surface, when installed above exposed bed of a high temperature furnace; will absorb nearly all heat and light flux incident on hood interior and transfer the resultant heat to thermic fluid circulating in tube network welded to hood inside surface, so that the heated thermic fluid can be used as heat source in other suitable low temperature applications in plant, resulting in saving of fuel/energy cost. Secondly hot fumes/gases loaded with dust emanating from furnace bed will also enter into the hood. The fume exit path at top portion of the hood, will be made in shape of a convergent-divergent nozzle so that the gas flow speed falls abruptly in the divergent part of the nozzle precipitating the dust in dust chambers provided for the purpose. Therefore, gas/fumes vented to atmosphere from the furnace building will carry less dust, reducing environmental pollution. Furthermore there is scope of installing one additional tube bundle at gas exit path of hood for convection heat transfer from hot gases to thermic fluid, resulting in preheating of thermic fluid. Similarly there is scope of providing one lightweight turbine type rotor at gas exit mouth to slow down the gas speed further and help precipitation of dust. Interception of heat flux by the Hood will give protection to building roof also. This Heat Collecting Hood may be used for other high temperature radiating industrial installations also; say for tundishes used for holding molten metals in continuous casting machines.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2014

(21) Application No.991/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS AND METHODLOGY FOR MEASUREMENT OF OBNOXIOUS ODORANT CONCENTRATIONS AND ODOUR INTENSITY IN PULP AND PAPER INDUSTRY

(51) International classification :E03D9/00
(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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8)PANDEY, R. A.
9)DESHMUKH, SHARVARI
10)WATE, SATISH R.

(57) Abstract :
An apparatus (1) for measurement of obnoxious odorant concentrations and odor intensity of odorous constituents, in pulp and paper industry emissions, comprises of an odor capturing unit (5.1) operatively connected to a sensor unit (2a) to which the odor captured is delivered for further processing. The odor capturing unit is a gas chamber (5.1) having at least three tube inlets, the first tube inlet (T1) being connected to a vacuum pump (6.1) for creating vacuum inside the gas chamber (5.1), the second tube inlet (T2) for inflow of obnoxious odorant to be measured and the third tube inlet (T3) for pumping air inside the gas chamber (5.1) during purging operation. The sensor unit (2a) comprises suitably selected sensors for receiving gas samples from the gas chamber (5.1) for conversion into electrical signals which are acquired by a digital data processing unit (1.2) connected to the sensor unit (2a). The digital data processing unit (1.2) has means for processing acquired data to measure obnoxious odorant concentration and odor intensity. A method for measurement of obnoxious odorant concentrations and odor intensity of odorous constituents is also disclosed.

No. of Pages : 31 No. of Claims : 12

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2012

(21) Application No.10875/DELNP/2012 A

(43) Publication Date : 10/10/2014

(54) Title of the invention : SHROUD FOR ROTARY ENGINE

(51) International classification	:F01C21/08,F01C19/00,F01C21/02
(31) Priority Document No	:61/355880
(32) Priority Date	:17/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2011/050369 :17/06/2011
(87) International Publication No	:WO 2011/156924
(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)GOTTFRIED Kristjan

3)JUAN Alejandro

(57) Abstract :

Disclosed herein are several embodiments for shroud arrangements to be used in rotary engines using a plurality of rotors within the shroud arrangement. At least one of the rotors is not fixed to the shroud.

No. of Pages : 43 No. of Claims : 29

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

(21) Application No.10878/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS OF TREATMENT OF PANCREATIC CANCER

(51) International classification :A61K31/337,A61K47/42,A61K9/14
(31) Priority Document No :61/351846
(32) Priority Date :04/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037462
Filing Date :20/05/2011
(87) International Publication No :WO 2011/153010
(61) Patent of Addition 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)SOON SHIONG Patrick

(57) Abstract :
The present invention provides methods and compositions for treating pancreatic cancer in an individual who has been previously treated for pancreatic cancer (e.g. gemcitabine based therapy) by administering a composition comprising nanoparticles that comprise a taxane and an albumin. The invention also provides combination therapy methods of treating pancreatic cancer (for example in an individual who has been previously treated for pancreatic cancer) comprising administering to an individual an effective amount of a composition comprising nanoparticles that comprise a taxane and an albumin and another agent.

No. of Pages : 115 No. of Claims : 26

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

(21) Application No.10879/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLUID VALVE

(51) International classification :F16K1/226,F16K27/02,F02D9/10
(31) Priority Document No :1002775
(32) Priority Date :30/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051487
Filing Date :27/06/2011
(87) International Publication No :WO 2012/001284
(61) Patent of Addition 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)HODEBOURG Grgory

(57) Abstract :
The invention relates to a fluid valve in particular for the exhaust gas from a motor vehicle comprising: a body (30) defining at least one duct (32) and a movable flap that can rotate about a shaft between a closed position preventing the fluid from flowing through the duct (32) and an open position allowing the fluid to flow through the duct (32). According to the invention the valve includes an opening clearance (E) between flap and a wall (62) of the body (30) for the passage of the fluid said clearance (E) extending in a direction parallel to the pivot shaft of the flap over a length that varies according to the angular position of the flap.

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

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

(21) Application No.10880/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLUID VALVE

(51) International classification :F16K1/226,F16K27/02,F02D9/10
(31) Priority Document No :1002768
(32) Priority Date :30/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051486
Filing Date :27/06/2011
(87) International Publication No :WO 2012/001283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)HODEBOURG Grgory

(57) Abstract :
The invention relates to a fluid valve in particular for the exhaust gas from a motor vehicle engine comprising a body (30) defining a main duct (31) and an auxiliary duct (32) for the flow of fluid which auxiliary duct opens into the main duct (31). The valve also comprises: a flap (1) that can move between a closed position preventing communication between the two ducts (31 32) and an open position allowing communication between said ducts (31 32); and a gasket (2) against which the flap (1) bears when in the closed position. In addition the above mentioned body comprises a housing (37) for a motor for actuating the flap (1). According to the invention the body (30) is configured to define a fluid lamina (38) between the gasket (2) and the housing (37).

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

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

(21) Application No.10881/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPARISON OF PROTEIN SAMPLES

(51) International classification :A61K38/00,G01N23/06,G01N31/00
(31) Priority Document No :61/355269
(32) Priority Date :16/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040669
Filing Date :16/06/2011
(87) International Publication No :WO 2011/159878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)LEE David H.

(57) Abstract :
Methods of qualitatively and/or quantitatively detecting the presence of mutations modifications or impurities in a protein sample are provided. The methods utilize isotopically labeled variants of amino acids incorporated into proteins prior to protein digest to enable comparisons of two protein samples in bottom up liquid chromatography. The measurements achieved by the present invention take into account not only the masses of peptides generated during proteolytic digest but also the abundance of each resulting peptide. Measuring of the abundance of peptides by MS is enabled by utilizing a SITRS sample that is mixed with an unlabeled protein prior to protein digest. As used herein the term SITRS sample or SITRS standard means a protein (e.g. an antibody) of known sequence labeled with a stable isotopically labeled variant of at least one amino acid present in the protein.

No. of Pages : 51 No. of Claims : 24

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

(21) Application No.10890/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MEDICINE DISPENSER WITH BUILT-IN DISPENSING SCHEDULE

(51) International classification :A61B
(31) Priority Document No :61/395,939
(32) Priority Date :18/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037061
Filing Date :18/05/2011
(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)Alfred Richard BALAKIER
2)Dan GOSSELIN

(57) Abstract :
One embodiment of the present invention is a medicine dispenser with a built-in dispensing schedule. In this embodiment a cylindrical container with a close-fitting disk-shaped cap having a cylindrical rim includes an inner schedule display one day-and-time indication of which is displayed to a medicine consumer through an aperture in the cap rim. Features included in the cap schedule display and cylindrical container interoperates to ensure that the displayed day-and-time indication is advanced when the cap is removed and replaced. The displayed day-and-time indication is relatively large and clear to facilitate viewing by vision-impaired users and the schedule-advancement mechanism is robust and reliable. In addition the cap and built-in schedule display include features that allow the displayed day-and-time indication to be set to an initial day-and-time indication.

No. of Pages : 31 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10891/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : REACTION CHAMBER FOR EXOTHERMIC MATERIAL□

(51) International classification :C07C
(31) Priority Document No :1054752
(32) Priority Date :16/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/059609
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)FABRICE MAZAUDIER

(57) Abstract :
The invention relates to a chamber for reacting exothermic material (lo), characterized in that it comprises a multilevel structure including at least: - a receptacle (1) for storing said material, corresponding to a lower level; - a median level comprising a reactive load (4) containing at least one alkaline-earth carbonate, so as to absorb heat emitted during the oxidation reaction of said material, said alkaline-earth carbonate decomposing under the effect of the heat in an endothermic reaction; - an upper level comprising a cover. According to one variant, the material stored is a carbide of plutonium and/or uranium.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10895/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MATERIALS AND METHOD FOR SUPPRESSING INFLAMATORY AND NEUROPATHIC PAIN

(51) International classification :C07K14/00,A61K38/00
(31) Priority Document No :61/353373
(32) Priority Date :10/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040100
Filing Date :10/06/2011
(87) International Publication No :WO 2012/009075
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KHANNA Rajesh

(57) Abstract :
N type voltage gated calcium channels (CaV2.2) are critical mediators of neurotransmitter release and are thought to be involved with transmission of nociception. The use of conventional CaV2.2 blockers in pain therapeutics is limited by side effects. Reported herein is a means to suppress both inflammatory and neuropathic pain without directly blocking CaV2.2 but rather by inhibiting the binding of the axonal collapsin response mediator protein 2 (CRMP 2) a protein known to enhance CaV2.2 function. A 15 amino acid peptide of CRMP 2 fused to the protein transduction domain of the HIV tat protein (TAT CBD3) reduced meningeal blood flow induced by activation of the trigeminovascular system prevented inflammation induced tactile hypernociception induced by intraplantar formalin and nocifensive behavior following corneal capsaicin application and reversed neuropathic hypernociception produced by the antiretroviral drug 2 3 dideoxycytidine. Preventing CRMP 2 mediated enhancement of CaV2.2 function suppressed inflammatory and neuropathic nociception providing a method for treating pain and inflammation.

No. of Pages : 156 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10898/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DENSE PHASE SWIRL PULVERIZED COAL BURNER

(51) International classification :F23D1/02
(31) Priority Document No :201110139317.X
(32) Priority Date :27/05/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/071214
Filing Date :16/02/2012
(87) International Publication No :WO 2012/163107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LI Yuehua

(57) Abstract :
A dense phase swirl pulverized coal burner comprises a primary wind channel (2) a straight flow secondary wind channel (2) and a swirl flow secondary wind channel (3) at the outermost side. The primary wind channel (1) comprises an elbow section serving as an inlet of pulverized coal and a straight pipe section arranged horizontally. An oil gun sleeve (4) is arranged at a central axis in the straight pipe section and several stages of pulverized coal concentration rings (6) are arranged at intervals in an axial direction of the oil gun sleeve (4) so that the pulverized coal forms gas flow distribution with higher outer density and lower inner density at a primary wind nozzle. The pulverized coal burner has characteristics such as stable flame strong ignitability strong adaptability to coal types and low emission of nitrogen oxides. Moreover the primary wind channel has a simple structure and low resistance and can effectively retard the rate of wear of members.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10900/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYPEPTIDES

(51) International classification :C07K14/195,C07K14/43
(31) Priority Document No :61/399285
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/061623
Filing Date :08/07/2011
(87) International Publication No :WO 2012/004384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EKBLAD Caroline
2)ABRAHMS‰N Lars

(57) Abstract :
The present disclosure relates to a class of engineered polypeptides having a binding affinity for albumin. It also relates to new methods and uses that exploit binding by these and other compounds to albumin in different contexts some of which have significance for treatment or diagnosis of disease in mammals including humans.

No. of Pages : 158 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10901/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ORAL CARE PACKAGE

(51) International classification :A61C19/02,A46B15/00,B65D75/32
(31) Priority Document No :61/359935
(32) Priority Date :30/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/052882
Filing Date :30/06/2011
(87) International Publication No :WO 2012/001650
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMIDT Thorsten
3)BACK Simone
4)FINGER Gerhard
5)STOERKEL Jens Uwe
6)REINKING Rex
7)GUSTAFSON Casey

(57) Abstract :
An oral care implement package is described herein. The oral care implement package can have a backer with a vapor impermeable layer attached thereto. The backer is attached to a plastic shell. An oral care implement having a scented tongue cleaner and/or a scented handle is positioned between the plastic shell and the vapor impermeable layer. The vapor impermeable layer reducing the amount of scent released from the tongue cleaner and/or handle while the oral care implement is in the package.

No. of Pages : 16 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10902/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ACTIVE CIRCULATOR

(51) International classification :H01P1/38,H03F3/60
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2010/050695
Filing Date :18/06/2010
(87) International Publication No :WO 2011/159213
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAAB AB
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1)VICKES Hans Olof
2)NILSSON Joakim

(57) Abstract :
The invention provides an active circulator for a microwave system. Said microwave system comprises at least one front end arrangement. Each front end arrangement comprises a power amplifier function arranged to deliver an amplified output signal via a circulator function to an antenna in a transmit mode. A low noise ampiifier function is arranged to amplify an input signal from the antenna via the circulator function in a receive mode. The circulator function is arranged to direct a signal flow between the transmit and receive modes wherein each front end arrangement comprises one active circulator. Said active circulator comprises the power ampiifier function the low noise amplifier function and the circulator function of directing a signal flow said three functions integrated into one module. The invention also provides a method to manufacture the active circulator.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10903/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL SPIROHETEROCYCLIC COMPOUNDS AS MGLU5 ANTAGONISTS

(51) International classification :C07D491/10,C07D498/10,A61K31/438
(31) Priority Document No :61/362944
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/061690
Filing Date :08/07/2011
(87) International Publication No :WO 2012/004400
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOTTA Gianni
3)RIVA Carlo
4)GUARNERI Luciano
5)GRAZIANI Davide
6)DE TOMA Carlo
7)KARAMFILOVA Katia Dimitrova

(57) Abstract :
The invention provides compounds having the general formula (I) wherein X is O or S; R is C N O or S; R is CH CH N or NH; R is a bond CH or CH; m is 1 2 or 3; n is 1 or 2; when n is 2 or m is 2 or 3 the ring containing R may be fused with a benzene ring; each represents a single or double bond provided that one double bond extends from the carbon atom to which R C=C is bonded and that no ring carbon atom bears two double bonds; and R R and R represent a wide range of substituents. These compounds are selective for the metabotropic mGlu5 receptor. They their solvates hydrates enantiomers diastereomers N oxides and pharmaceutically acceptable salts and pharmaceutical compositions containing them can be used to treat diseases or disorders of the lower urinary tract especially neuromuscular dysfunctions of the lower urinary tract. They may also be useful for the treatment of migraine; for the treatment of gastroesophageal reflux disease (GERD); for the treatment of anxiety disorder; for the treatment of abuse substance dependence and substance withdrawal disorder; for the treatment of neuropathic pain disorder; and for the treatment of fragile X syndrome disorders.

No. of Pages : 121 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10904/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONVERTIBLE TRAILER

(51) International classification :B60P3/42,B60P1/02,B60P3/06
(31) Priority Document No :PCT/CA2010/000757
(32) Priority Date :18/05/2010
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2010/000757
Filing Date :18/05/2010
(87) International Publication No :WO 2011/143734
(61) Patent of Addition 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)PAWLUK William

(57) Abstract :
A convertible trailer system includes a convertible trailer having a segmented lower deck and a segmented upper deck mounted thereover. The segmented lower deck includes floating forward and rear belly ramps which are independently actuable relative to each other so as to be selectively raised and lowered relative to a pair of side rails which define the belly forward of the trailer wheels. When in a fully lowered position the belly ramps are lowered to a lower extremity between the pair of side rails so as to be substantially entirely below uppermost edges of the pair of side rails. When in an elevated position the belly ramps are elevated so as to be co planar with or above the uppermost edges of the side rails whereby freight may be loaded laterally onto the belly ramps over the pair of side rails.

No. of Pages : 47 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10921/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SLIDING APPARATUS

(51) International classification :H04M1/02
(31) Priority Document No :2010136344
(32) Priority Date :15/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063503
Filing Date :13/06/2011
(87) International Publication No :WO 2011/158789
(61) Patent of Addition 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)MITSUI Yasuhiro
2)KATSUTA Tetsuya

(57) Abstract :
Disclosed is a sliding apparatus which is provided with: a substrate fixed to a main body section; a sliding plate which is fixed to a sub body section and is slidable in the opening/closing direction between the closed position and the opened position; a hole formed in the sliding plate; a sloped surface section which is formed on the main body section is engaged with the hole at the closed position and has a sloped surface sloped to the rear side in the front rear direction with respect to the closing direction; a sliding guide section which guides the sliding direction of the sliding plate; a restricting section which restricts movement of the sliding plate end in the closing direction said movement being in the front rear direction at the initial stage of sliding from the closed position to the opened position of the sliding plate; and a sloped portion which is formed on the sliding guide section end portion in the closing direction and is sloped to the rear direction.

No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10922/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PRODUCTION OF INTERMEDIATE FOR CYCLIC CARBODIIMIDE COMPOUND

(51) International classification :C07C
(31) Priority Document No :2010-137202
(32) Priority Date :16/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/064194
Filing Date :15/06/2011
(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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(57) Abstract :
A process for producing an intermediate for a cyclic carbodiimide compound. 5 The process includes a process for producing an amine compound represented by the following formula (B), comprising the step of reducing a nitro compound represented by the following formula (A) and containing a compound having a haloarene skeleton in the presence of a metal catalyst and 10 a basic compound. The process also includes a process for producing a thiourea compound, comprising the step of reacting an amine compound represented by the formula (B) with carbon disulfide in the presence of imidazole. 15 (A) (R is a hydrogen atom or an alkyl group having 1 to 6 carbon atoms.) (B) 21 (R,is as defined in the above formula (A).)

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10925/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EFFICIENT STORED VALUE CARD TRANSACTIONS

(51) International classification :G06Q40/00
(31) Priority Document No :61/354469
(32) Priority Date :14/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040055
Filing Date :10/06/2011
(87) International Publication No :WO 2011/159579
(61) Patent of Addition 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)ANSARI Ansar

(57) Abstract :
A method includes receiving a stored value card transaction request from an access point. The stored value card transaction request is associated with a package identification number and the package identification number is associated with a plurality of stored value cards. The method further includes generating a plurality of children transaction requests based on the stored value card transaction request. The method further includes sending at least one of the plurality of children transaction requests to a first card party. The method further includes sending at least another of the plurality of children transaction requests to a second card party. The second card party may be the same or different from the first card party.

No. of Pages : 47 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10926/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING CARBODIIMIDE□

(51) International classification :C07C
(31) Priority Document No :2010-137174
(32) Priority Date :16/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/064193
Filing Date :15/06/2011
(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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(72)**Name of Inventor :**
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2)TSUKASA KATO
3)TSUTOMU YAMADA
4)YUYA KAMADA
5)SHINICHIRO SHOJI

(57) Abstract :
A process for the production of a carbodiimide, comprising the steps of: 5 (1) reacting an amine represented by the following formula (A) with carbon disulfide in the presence of a catalyst at a reaction temperature of 50 to 150°C to obtain a thiourea represented by the following formula (B): (A) 10 (In the above formula (A) , R is a hydrogen atom or an alkyl group having 1 to 6 carbon atoms.) H H (B) (In the above formula (B), R is as defined in the above formula (A).; 15 (2) desulfurizing the obtained thiourea with a hypochiorite in the presence-` of a basic compound to obtain a carbodiimide represented by the following formula (C) 37 (C) (In the above formula (C), R is as defined in the above formula (A).); and (3) purifying the obtained carbodiimide.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10909/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CARBON DIOXIDE GAS MIST PRESSURE BATH METHOD AND CARBON DIOXIDE GAS MIST PRESSURE BATH APPARATUS FOR PREVENTING IMPROVING AND TREATING MYOCARDIAL INFARCTIONS

(51) International classification	:A61H33/14,A61H33/02,A61H33/06
(31) Priority Document No	:2010283831
(32) Priority Date	:20/12/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/079485 :20/12/2011
(87) International Publication No	:WO 2012/086635
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)NAKAMURA Shoichi

(57) Abstract :
Circulation of the blood in the myocardial region can be improved or promoted and furthermore myocardial infarctions can be prevented improved or treated through either direct contact or contact through clothing of carbon dioxide gas with the skin or mucous membrane of an organism. The following steps are continued at least once per day for four weeks: (a) a step for pulverizing and dissolving carbon dioxide gas into a liquid and producing a carbon dioxide gas mist by forming the same into a mist; (b) a step for spraying the carbon dioxide gas mist into a carbon dioxide gas mist enclosing means for enclosing the organism in an airtight state; (c) a step for expelling gas from the carbon dioxide gas mist enclosing means to the exterior thereof performed in parallel with the step (b) as necessary in a manner such that the pressure of the gas within the carbon dioxide gas mist enclosing means is kept at or above a prescribed value that is higher than the atmospheric pressure; (d) and a step for continuing to supply the carbon dioxide gas mist enclosing means with the carbon dioxide gas mist for at least 20 minutes.

No. of Pages : 115 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10910/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MODULAR MOBILE ACCESSORY FOR MOBILE DEVICE

(51) International classification :H01M2/02
(31) Priority Document No :61/346386
(32) Priority Date :19/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037254
Filing Date :19/05/2011
(87) International Publication No :WO 2011/146782
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HUANG Daniel

(57) Abstract :
Accessories for mobile devices. Embodiments include an external protective case and/or holster for mobile electronic devices where the external protective case/holster incorporates a battery pack a payment processing device television signal receiver and/or a moduiar multi input/output device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10911/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LOAD BEARING MEMBER HAVING PROTECTIVE COATING AND METHOD THEREFOR

(51) International classification :B66B7/06,D07B1/06,C23C22/05
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/045415
Filing Date :13/08/2010
(87) International Publication No :WO 2012/021134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHANG Xiaoyuan
2)YANG Hong

(57) Abstract :
A load bearing member includes at least one elongated tension member having at least one wire and a protective coating on the elongated tension member. The protective coating includes a first corrosion inhibitor having an oxide forming metal a second corrosion inhibitor having a rare earth metal and a third corrosion inhibitor having an organic material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10912/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL SWITCH OF THE NORMALLY-CLOSED TYPE ESPECIALLY FOR A PORTABLE COMMUNICATION DEVICE□

(51) International classification :H01J
(31) Priority Document No :1002193
(32) Priority Date :26/05/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051196
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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1)CHRISTOPHE BOGET

(57) Abstract :
The switch (10) comprises a printed circuit (12), of generally plane shape, and comprising a first face bearing a first contact pad, a second face (12B), opposite the first, bearing a second contact pad (18), and a through-orifice (14) allowing access between the first face (12A) and the second face (12B). The switch (10) also includes a conductor (20), comprising a first part (22), which cooperates with the first contact pad (16), and a second 10 part (24), which extends between a first end (24A), fixed to the first part (22), and a free second end (24B), passing through the orifice (14). The second part (24) is elastically deformable between a rest position, in which its second end (24B) cooperates with the second contact pad (18), and a stressed position, in which its second end (24B) is moved away from the second contact pad (18).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10913/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ARCHITECTURE FOR A NON-LUBRICATED TURBOSHAFT ENGINE

(51) International classification :E05D
(31) Priority Document No :1054717
(32) Priority Date :15/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051347
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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(72)**Name of Inventor :**
1)OLIVIER BEDRINE
2)GERARD PATY

(57) Abstract :
The invention relates to a turbine engine (100) for a helicopter (200), said helicopter comprising a main gearbox, a rotor (204), and a speed-reducing device (206) housed entirely within the main gearbox (202) of the helicopter while also being connected to said rotor, the 10 turbine engine comprising a casing (102), a gas generator (114) with a gas generator shaft (115), and a free turbine (124) for being driven in rotation by a gas stream generated by the gas generator, said free turbine having a free turbine shaft (128), in which turbine 15 engine, when the turbine engine is fastened to the gearbox of the helicopter, the free turbine shaft extends axially into the main gearbox of the helicopter in order to be connected directly to the speed-reducer device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10915/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SLIDE DEVICE FOR ELECTRONIC APPARATUS

(51) International classification :H04M1/02
(31) Priority Document No :2010136343
(32) Priority Date :15/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063502
Filing Date :13/06/2011
(87) International Publication No :WO 2011/158788
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MITSUI Yasuhiro

(57) Abstract :
A slide device for an electronic apparatus comprises: a base plate which has a pair of side edges; an intermediate plate which has a pair of gripping sections for gripping the pair of side edges in such a manner that the pair of side edges can slide in the front rear direction and which also has a pair of outside edges located outside the side edges in the width direction; a slide plate which has a pair of outside gripping sections for gripping the pair of outside edges in such a manner that the pair of outside edges can slide in the front rear direction; intermediate storage position regulating sections which protrude outward in the width direction from the front ends of the outside edges and which regulate the intermediate storage position of the slide plate relative to the intermediate plate; intermediate use position regulating sections which protrude outward in the width direction from the rear ends of the outside edges and which regulate the intermediate use position of the slide plate relative to the intermediate plate; storage position regulating means which at the front of the base plate protrude on the front face side in the front rear face direction and which regulate the storage position of the intermediate plate relative to the base plate; and use position regulating means which at the rear of the base plate protrude on the front face side and which regulate the use position of the intermediate plate relative to the base plate.

No. of Pages : 39 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10916/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CROSS LINKABLE IONOMERIC ENCAPSULANTS FOR PHOTOVOLTAIC CELLS

(51) International classification :C08L23/08,B32B17/10,B32B27/32
(31) Priority Document No :12/847293
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045738
Filing Date :28/07/2011
(87) International Publication No :WO 2012/016053
(61) Patent of Addition 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)BENNETT Alison Margaret Anne

(57) Abstract :
Provided herein is a blend composition useful as a cross linkable encapsulant layer and consisting essentially of two ethylene copolymers and optionally one or more additives. The first ethylene copolymer comprises copolymerized units of ethylene optionally a first olefin having the formula CH=C(R)COR and a second olefin having the formula CH=C(R)COOH. At least a portion of the carboxylic acid groups have been neutralized to form carboxylate salts. The second ethylene copolymer consists essentially of copolymerized units of ethylene optionally a first olefin having the formula CH=C(R)COR and a third olefin having the formula CH=C(R)D. R R and R represent hydrogen or an alkyl group; R represents an alkyl group; and D represents a moiety containing an epoxy group. Further provided are solar cell modules comprising the encapsulant layer. The encapsulant layer comprises the blend composition or the product of cross linking the blend composition in which some carboxylate groups of the second olefin have reacted with some epoxy groups of the third olefin.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10917/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MEDIATION SERVER CONTROL METHOD THEREFOR COMMUNICATION DEVICE CONTROL METHOD THEREFOR ACCOUNT PROVISIONING SERVER AND CONTROL METHOD THEREFOR

(51) International classification	:H04W8/20,H04W48/18,H04W92/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP2010/062971 :23/07/2010
(87) International Publication No	:WO 2012/011197
(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)HJELM Johan
3)MURAKAMI Shingo
4)ODA Toshikane
5)SUGIMOTO Shinta

(57) Abstract :
In the first embodiment the mobile phone 20 obtains the PCID from the CCE 10 and sends the PCID and the IMSI of the USIM of the mobile phone 20 to the CAPS 50. The MCC+MNC part of the IMSI is later used as the operator identification information by the mediation server 30 which is operated by the RO in order to identify the SHO for the CCE 10. The MSIN part of the IMSI is later used as the user identification information by the account managing server 40 which is operated by the SHO in order to identify the user of the mobile phone 20. The mediation server 30 forwards the account request from the CCE 10 to the account managing server 40 of the SHO identified by the operator identification information. The account managing server 40 generates the MCIM that is associated with the user identified by the user identification information.

No. of Pages : 52 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1443/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PARTICLES FOR DRUG DELIVERY AND OTHER APPLICATIONS

(51) International classification :A61K9/14,A61K9/16,A61K31/565
(31) Priority Document No :61/376149
(32) Priority Date :23/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048822
Filing Date :23/08/2011
(87) International Publication No :WO 2012/027378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOLTZENBURG Roland S.
3)RIEGER Jens B.
4)WEITZ David A.

(57) Abstract :
The present invention generally relates to particles for drug delivery and other applications. In one aspect the present invention relates to a technique for reacting precursor compounds in the presence of a pharmaceutically active agent to form product (e.g. in the form of particles) in which the agent is substantially contained within the product and the product is soluble within typical gastric fluid of a mammal. In another aspect the present invention is generally directed to particles comprising an inorganic pharmaceutically acceptable carrier such as CaCO and an agent. In some cases at least some of the agent contained within the particles is fluidically inaccessible from externally of the particle. For instance the agent may be present in isolated domains within the particle. In another aspect the present invention is generally directed to methods of creating particles. For instance according to one set of embodiments two fluids containing reactants are mixed where upon reaction of the reactants an insoluble product is formed which precipitates to form particles. In one example a first fluid containing dissolved carbonate ions and a second fluid containing dissolved calcium ions and a pharmaceutically active agent are mixed together; upon mixing of the first and second fluids the calcium ions and the carbonate ions form calcium carbonate which precipitates to form a co precipitate with the pharmaceutically active agent. Yet other aspects of the present invention are directed to particles formed from such reactions methods of using such reactions methods of promoting such reactions kits involving particles or the like.

No. of Pages : 40 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1444/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXCITING INRUSH CURRENT SUPPRESSION APPARATUS

(51) International classification :H01H33/59,H01H9/54,H01H9/56
(31) Priority Document No :2010186316
(32) Priority Date :23/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068873
Filing Date :22/08/2011
(87) International Publication No :WO 2012/026423
(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)MARUYAMA Shiro
4)SAITOH Minoru
5)NAGAYAMA Noriyuki

(57) Abstract :
An exciting inrush current suppression apparatus (6) for suppressing an exciting inrush current of a breaker (2) that opens/closes the connection of electric train lines (1) with a Scott connection voltage transformer (3). The exciting inrush current suppression apparatus (6) detects breakage phases when the connection of the voltage transformer (3) is broken. The exciting inrush current suppression apparatus (6) then measures the phase voltages of the phases of the electric train lines (1) and uses the detected breakage phases to turn on the breaker (2) on the basis of the measured phase voltages of the phases of the electric train lines (1).

No. of Pages : 75 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1445/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MAGNETIZING INRUSH CURRENT SUPPRESSION DEVICE

(51) International classification :H01H33/59,H01H9/54,H01H9/56
(31) Priority Document No :2010185492
(32) Priority Date :20/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068474
Filing Date :12/08/2011
(87) International Publication No :WO 2012/023524
(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)SAITOH Minoru
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(57) Abstract :
A magnetizing inrush current suppression device (6) that suppresses magnetizing inrush current in a three phase concurrently operating circuit breaker (2) that opens and closes a connection between a power source bus (1) and a modified Woodbridge connected transformer (3) wherein: the voltage of a three phase alternating current in a power source bus (1) is measured; the steady state magnetic flux of the modified Woodbridge connected transformer (3) is calculated; the voltage of the three phase alternating current on the modified Woodbridge connected transformer (3) side is measured; the residual magnetic flux of the modified Woodbridge connected transformer (3) after interruption is calculated; and the circuit breaker (2) is triggered when the polarities of the steady state magnetic flux and residual magnetic flux are the same in all lines.

No. of Pages : 83 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10931/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BURST INDICATOR

(51) International classification :H01J
(31) Priority Document No :12/815,252
(32) Priority Date :14/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024239
Filing Date :09/02/2011
(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 :
A burst indicator (24) for use in a rupture disc assembly (12) is provided. The burst indicator (24) comprises a non-electrically conductive material having an outer annular portion (66) and an inner section (68) joined to the outer portion by a pair of bridge features (70 72). A circuit comprising electrically conductive segments (78 80) is located on the burst indicator (24) and can be used to monitor the integrity of the rupture disc (20). One electrically conductive segment (78) is located on the outer annular portion (66) and another electrically conductive segment (80) extends across the bridge features (70 72) and inner section (68). Upon rupture of the rupture disc (20) one of the bridge features (72) carrying an electrically conductive segment (80) severs thereby opening the circuit.

No. of Pages : 23 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10947/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MULTI-LAYER FILM PERMEABLE TO UV RADIATION

(51) International classification :C07C
(31) Priority Document No :10 2010 023 764.7
(32) Priority Date :15/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/002685
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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HENRIK HUMMEL

(57) Abstract :
The present invention relates to a multilayer film that is impermeable to liquids and that is at least to some extent permeable to UV radiation, preferably in the form of a tubular film, comprising a layer sequence made of a layer (a) based on at least one thermoplastic 10 olefin homo- or copolymer, as one of the external layers, an adhesive-promoter layer (b), an internally situated layer (c) based on at least, one homo- and/or copolyamide, an adhesive-promoter layer (d), and a layer (e) based on at least one homo- and/or 15 copolyamide, as one of the external layers, where the VICAT softening point of the thermoplastic olefin homoor copolymer of the layer (a) is at least 100°C, to the use of this type of multilayer film as internally situated tube of an insertion tube for the renovation 20 of subterranean pipes, to an insertion tube of this type, and to a pipe-renovation system suitable for the renovation of subterranean pipes, preferably subterranean sewer pipes.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1462/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WIRELESS COMMUNICATION APPARATUS WIRELESS COMMUNICATION SYSTEM WIRELESS COMMUNICATION METHOD AND PROGRAM

(51) International classification	:H04J99/00,H04B7/04,H04W16/28
(31) Priority Document No	:2010188129
(32) Priority Date	:25/08/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/064218 :22/06/2011
(87) International Publication No	:WO 2012/026195
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)TAKANO Hiroaki

(57) Abstract :
[Problem] To provide a wireless communication apparatus a wireless communication system a wireless communication method and a program. [Solution] A wireless communication apparatus comprises: a communication unit that transmits a reference signal; a first multiplication unit that multiplies by a first transmission weight determined on the basis of a receipt of the reference signal by the other end of communication; and a second multiplication unit that multiplies by a second transmission weight determined on the basis of the receipt of the reference signal by the other end of communication. The communication unit transmits a weighted reference signal obtained by multiplying the reference signal by the first transmission weight after the determination of the first transmission weight.

No. of Pages : 58 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1463/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RECEIVING DEVICE RECEIVING METHOD AND PROGRAM

(51) International classification :H04N7/173,G06F13/00
(31) Priority Document No :61/378277
(32) Priority Date :30/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/068901
Filing Date :23/08/2011
(87) International Publication No :WO 2012/029584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KITAZATO Naohisa
3)DEWA Yoshiharu
4)YAMAGISHI Yasuaki

(57) Abstract :
The present invention relates to a receiving device a receiving method and a program which enable execution of processing unintended by the user to be prevented even when a service for data broadcasting is attained by document transition. The receiving device acquires a description document described in a predetermined computer language for displaying contents other than AV contents determines whether the acquired description document is managed by broadcasters broadcasting AV contents or managed by businesses other than the broadcasters and controls the execution of the acquired description document in accordance with the determined results. This technique can be applied to a case where data broadcasting is attained in for example the United States.

No. of Pages : 122 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10963/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL ORTHO-SUBSTITUTED ARYL AMIDE DERIVATIVES

(51) International classification :C07C
(31) Priority Document No :61/354,913
(32) Priority Date :15/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/059734
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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7)ANGELA BECKER
8)ARND VOERSTE
9)ULRICH GORGENS

(57) Abstract :
The present invention relates to novel ortho-substituted arylamide derivatives of the general formula (I) in which R, R, R4, RS, Qx, A, Qy, X, L and n have the meanings given in the description, to their use as insecticides and acaricides for controlling animal pests, also in combination with other agents for activity boostmg, and to a plurality of processes for their preparation.

No. of Pages : 91 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10964/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PREPARING 2 2-DIFLUOROETHYLAMINE DERIVATIVES BY ALKYLATION WITH 2 2-DIFLUORO-1-HALOETHANES□

(51) International classification :C07C
(31) Priority Document No :61/354,933
(32) Priority Date :15/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/059691
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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2)JENS DIETMAR HEINRICH
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4)CHRISTIAN FUNKE

(57) Abstract :
Process for preparing 2,2-difluoroethylamine derivatives of the general fonnula (111) in which A is an optionally substituted heterocycle which is selected from a group consisting of pyrid-2-yl, pyrid-4-yl and pyrid-3-yl which are optionally 6-substituted by fluorine, chlorine, bromine, methyl, trifluoroinethyl or trifluoroinethoxy, and pyridazin-3-yl, which is optionally 6-substituted by chlorine or methyl, and pyrazin-3-yl, 2-chloropyrazin-5-yl and 1,3-thiazol-5-yl, where 1,3-thiazol-5-yl is optionally substituted by fluorine or methyl, and pyrimidinyl, pyrazolyl, thiophenyl, oxazolyl, isoxazolyl, l,2,4-oxadiazolyl, isothiazolyl, 1,2,4-triazolyl and 1,2,5-thiadiazolyl which are optionally substituted by fluorine, chlorine, bromine, cyano, nitro, optioially fluorine- and/or chlorine-substituted C1-C,-alkyl, optionally fluorine- and/or chlorine-substituted CI-C3-all<ylthio, or optionally fluorine- and/or chlorine-substituted CI-C3-alkylsulphonyl, and a pyrid-3-yl of the following fornlula

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10966/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PREPARING TETRAZOLE-SUBSTITUTED ANTHRANILAMIDE DERIVATIVES AND NOVEL CRYSTAL POLYMORPH OF THESE DERIVATIVES

(51) International classification :C07C
(31) Priority Document No :10166059.5
(32) Priority Date :15/06/2010
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2011/059735
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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6)RUDIGER FISCHER
7)OLIVER GAERTZEN
8)MARTIN HOLGER HINZ
9)ARND NEEFF

(57) Abstract :
The present invention relates to a process for preparing tetrazole-substituted anthranilanlide derivatives of the formula (I) in which R, R R, 3, R4. R and Z are each as defined in the description, and to a novel ctystal 10 polymorph of these derivatives and to the use thereof in agrochemical formulations.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1468/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MONITOR DEVICE AND WORKING VEHICLE EQUIPPED WITH SAME

(51) International classification :G09F9/00
(31) Priority Document No :2012179007
(32) Priority Date :10/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/076975
Filing Date :18/10/2012
(87) International Publication No :WO 2014/024329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOSAKA Masahiko

(57) Abstract :
A monitor device (20) is provided with: a liquid crystal display (25) serving as a display unit; a rubber frame member (26) having surrounding surface portions (26B) which surround an outer peripheral surface of the liquid crystal display (25); and a front casing (22) having an accommodation part in which the liquid crystal display (25) having the rubber frame member (26) fitted thereto is accommodated. Protruded portions (26C) which protrude from the surfaces of the surrounding surface portions (26B) and which come into contact with an inner peripheral surface of the accommodation part and elastically deform are provided to the rubber frame member (26).

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1469/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESSES FOR MAKING MULTIMODAL MOLECULAR WEIGHT DISTRIBUTION POLYOLEFINS

(51) International classification	:C08F10/00,C08F4/6592,C08L23/00
(31) Priority Document No	:12/950501
(32) Priority Date	:19/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/057832 :26/10/2011
(87) International Publication No	:WO 2012/067777
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOLTCAMP Matthew W.
2)BEDOYA Matthew S.

(57) Abstract :
This invention relates to a process to make a multimodal polyolefin composition comprising: (i) contacting at least one first olefin monomer with a mixed catalyst system under polymerization conditions to produce at least a first polyolefin component having a Mw of 5 000 g/mol to 600 000 g/mol wherein the mixed catalyst system comprises: (a) at least one polymerization catalyst comprising a Group 4 or Group 5 transition metal; (b) at least one organochromium polymerization catalyst; (c) an activator; and (d) a support material; (ii) thereafter contacting the first polyolefin component/mixed catalyst system combination with a molecular switch; (iii) contacting the first polyolefin component/mixed catalyst system combination with at least one second olefin monomer which may be the same or different under polymerization conditions; and (iv) obtaining a multimodal polyolefin composition.

No. of Pages : 53 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10899/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : QUIESCIN Q6 AS BIOMARKER FOR HYPERTENSIVE DISORDERS OF PREGNANCY

(51) International classification :G01N33/68
(31) Priority Document No :10168881.0
(32) Priority Date :08/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061565
Filing Date :08/07/2011
(87) International Publication No :WO 2012/004371
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAS Koen

(57) Abstract :
The application discloses a new tool for predicting diagnosing and prognosing hypertensive disorders of pregnancy and particularly preeclampsia; methods for the diagnosis prediction prognosis and/or monitoring said disorders; and kits and devices for measuring said biomarker and/or performing said methods.

No. of Pages : 84 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1427/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LIQUID TIGHT PROGRAMMING INTERFACE ASSEMBLY

(51) International classification	:G02B23/12,G08C17/00,G08B17/08
(31) Priority Document No	:12/871133
(32) Priority Date	:30/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/049667 :30/08/2011
(87) International Publication No	:WO 2012/030782
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)EXELIS INC.
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(72)**Name of Inventor :**
1)GARRIS William Eric
2)JENG Raymond

(57) Abstract :
A liquid tight sealed assembly comprises a housing for a night vision device and a transmissive window wherein the transmissive window permits a signal to pass through the transmissive window for programming or controlling the night vision device within the housing. A night vision imaging sensor assembly comprises an electronic module disposed within a housing of a night vision device a control assembly disposed externally of the housing and a control interface of the housing interposed between the electronic module and the control assembly. The control assembly and the electronic module are configured to transmit and receive signals. The control interface permits a signal to pass through the housing while preventing environmental leakage into the housing. The transmissive window permits signals such as infra red capacitive or magnetic signals to pass through. The assembly minimizes environmental leakage paths into the housing thereby preventing damage from environmental contaminants such as moisture.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1481/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WIND TURBINE TORQUE LIMITING CLUTCH SYSTEM

(51) International classification :F03D11/02
(31) Priority Document No :12/858688
(32) Priority Date :18/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025213
Filing Date :17/02/2011
(87) International Publication No :WO 2012/023994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HEIDENREICH David
2)OLSON Erik
3)CULLINGS Gregg
4)PETERMAN David

(57) Abstract :
A wind turbine power generating system includes a wind turbine connected to a speed increasing gearbox having an output shaft. An electrical generator having an input shaft is also provided. An asymmetrical coupling interconnects the input and output shafts. The coupling includes a first torque limiting clutch in series connection with a one way clutch between the input and output shafts. A second torque limiting clutch is provided in parallel connection with the one way clutch between the input and output shafts. The first and second torque limiting clutches have different characteristic slip torques. The interconnection of the clutches and the implementation of the one way clutch provides for effective operation of the first and second torque limiting clutches in opposite rotational directions of the input and output shafts. The second torque limiting clutch has a characteristic slip torque that is a fraction of the first torque limiting clutch the second torque limiting clutch providing protection against reverse impulse loads.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1482/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MONITOR DEVICE AND WORKING VEHICLE EQUIPPED WITH SAME

(51) International classification :G09F9/00,G02F1/1333
(31) Priority Document No :2012179006
(32) Priority Date :10/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/076974
Filing Date :18/10/2012
(87) International Publication No :WO 2014/024328
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOSAKA Masahiko

(57) Abstract :
A monitor device (20) is provided with: a liquid crystal display (25) serving as a display unit; a driving substrate (30) for controlling the liquid crystal display (25); a monitor substrate (29) disposed facing the driving substrate (30) with a space therebetween; a resin holder (28) which is disposed in the space between the driving substrate (30) and the monitor substrate (29) and which holds the liquid crystal display (25); and a flat cable (35) for electrically connecting the driving substrate (30) and the monitor substrate (29). A cable insertion aperture (62) through which the flat cable (35) is inserted is provided in the holder (28). First and second binding members (63 64) are provided inside the cable insertion aperture (62) said first and second binding members being parallel in the width direction of the inserted flat cable and spaced apart in the length direction of the cable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1430/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR ALTERING THE SURFACE OF A BONE

(51) International classification :A61B17/16,A61F2/46,A61B17/56
(31) Priority Document No :61/373967
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047907
Filing Date :16/08/2011
(87) International Publication No :WO 2012/024289
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GIBSON Luke Andrew
2)SHARP Jeffrey A.

(57) Abstract :
Systems and methods provide patient specific cutting blocks that allow for bone resurfacing procedures such as milling or burring with simplified devices. A computer assisted surgical cutting block is produced having a surface region that matches with the surface region of a patient s bone to be altered. A cutting tool may be provided having a contoured bone mating surface and a contoured and patient specific shaped cutting guide surface which is located in a plane above the bone mating surface. One or more channels are provided in the cutting block and as the surgeon moves the cutting tool (a milling or burring for example) in the channels the tool cuts the bone both laterally along the surface of the bone and vertically into the bone according to the cutting guide surface and other preselected surface features of the cutting block.

No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1431/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR RECONSTRUCTING MULTI PARAMETER MODELS OF OSCILLATIONS OF MECHANICAL SYSTEMS

(51) International classification :G01M7/02,G06T17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2010/000419
Filing Date :28/07/2010
(87) International Publication No :WO 2012/015326
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SPERANSKIY Anatoly Alekseevich

(57) Abstract :
The invention relates to the field of the investigation of oscillations of elastic mechanical systems. The technical result of the proposed invention consists in producing a spectral set of multidimensional models mapping temporally connected three dimensional vector parameters of metrological and/or computational and analytical and/or design parameters of the oscillations of mechanical systems. Reconstructed models with different dimensionality depending on the target function which are integrated in different combinations can be used as a homeostatic portrait or a cybernetic model of oscillations in mechanical systems for objective evaluation in real time of the current use conditions. The invention can be used widely for increasing the effectiveness of the monitoring and investigation of oscillations of mechanical systems (objects) in mechanical engineering construction acoustics etc.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1432/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AGROCHEMICAL ADJUVANTS AND FORMULATIONS

(51) International classification :C07D307/20,C07D309/10,A01N25/30
(31) Priority Document No :61/344547
(32) Priority Date :17/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047882
Filing Date :16/08/2011
(87) International Publication No :WO 2012/024276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CRODA INC.
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(72)**Name of Inventor :**
1)LINDNER Gregory James

(57) Abstract :
Ethoxylated fatty acid mono ester(s) of sorbitan with a fatty acid chain length from 8 to 14 and an overall degree of ethoxylation from 7 to 16 are new (though related to the polysorbates). These compounds are useful as adjuvants in agrochemical formulations particularly combination formulations of herbicides having differing weed control effects notably of non selective herbicide and selective herbicide; particularly selective herbicide particularly selective broadleaf herbicide and graminicide; and selective graminicide and non selective herbicide especially a combination of a glyphosate type non selective water soluble herbicide with a clethodim type selective (graminicide) herbicide particularly to reduce or eliminate antagonism between differing types of herbicide. Formulations including such herbicide combinations and the adjuvant compounds are particularly useful in controlling weed including volunteer glyphosate resistant maize in subsequently sown glyphosate resistant soya.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1488/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONTROL DEVICE

(51) International classification :H05K5/00,B60R16/023
(31) Priority Document No :10 2010 041 540.5
(32) Priority Date :28/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/066091
Filing Date :16/09/2011
(87) International Publication No :WO 2012/052233
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GMBH
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(72)**Name of Inventor :**
1)LUHR Volker
2)FAAS Matthias
3)FERIDOUNI Hamed

(57) Abstract :
The invention relates to a control device comprising a housing (2) with a first housing part (20) and a second housing part (21) a printed circuit board (3) arranged in the housing (2) a plug element (4) which has a plurality of contacts (40) and is connected to the printed circuit board (3) both mechanically and electrically and a vibration sensitive sensor wherein the plug element (4) is firmly connected to one of the housing parts (20 21) by means of a mechanical connection (5) wherein the mechanical connection (5) has a protruding element (50) and a receiving element (51) with a recess (7) for receiving the protruding element (50) wherein the recess (7) has a base region (9) a first wall region (10) and a second wall region (30) and wherein a first rib (11) is arranged on the first wall region (10) and a second rib (12) is arranged on the second wall region (30).

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1435/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SPECIAL STEEL STEEL WIRE AND SPECIAL STEEL WIRE MATERIAL

(51) International classification :C22C38/00,C21D8/06,C21D9/52
(31) Priority Document No :2010182365
(32) Priority Date :17/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068350
Filing Date :11/08/2011
(87) International Publication No :WO 2012/023483
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
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1)OKONOGI Makoto
2)YAMASAKI Shingo
3)KAWANA Akifumi
4)GOTOHDA Hideaki

(57) Abstract :
This special steel steel wire and special steel wire material have a specified composition; and if the C inclusion amount is represented by (C%) if (C%) is 0.35 0.65% the perlite volume fraction is 64 x (C%) + at least 52% and if (C%) exceeds 0.65% but does not exceed 0.85% the perlite volume fraction is 94 100% and the remaining structure is formed from one or two kinds of pro eutectoid ferrite or bainite. Additionally in the special steel steel wire in the region to a depth of 1.0mm from the surface the volume fraction of perlite blocks having an aspect ratio of at least 2.0 is 70 95% and the volume fraction of the perlite for which the angle between the axial direction and the lamellar direction in a cross section parallel to the axial direction is not more than 40°C is at least 60% relative to the total perlite.

No. of Pages : 49 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1436/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRAPEZOIDAL COMPONENT LINEAR GUIDE AND HEAD RESTRAINT

(51) International classification :F16C29/02,F16C29/04,F16C33/46
(31) Priority Document No :10 2010 034 635.7
(32) Priority Date :17/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/002456
Filing Date :18/05/2011
(87) International Publication No :WO 2012/022386
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)DILLINGER Thomas
3)POTISCH Robby

(57) Abstract :
The invention relates to a trapezoidal component (1) comprising a base element (2) and two legs (3) which are each connected to the base element (2) in a transition region (4). The invention further relates to a linear guide (13) and to a head restraint (14) having such a linear guide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1492/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COCONUT OPENER

(51) International classification :A23N5/03,A47J43/26,B26D3/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/002333
Filing Date :20/08/2010
(87) International Publication No :WO 2012/023923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BARRETT Sheldon S.

(57) Abstract :
A fruit coring system for a fruit such as a coconut having a central cavity therein in which the system consists of a coring assembly and a corkscrew assembly. The coring assembly is a pipe like segment having a length proportioned to a depth sufficient to reach the central cavity of the fruit the segment having a serrated first end and an open second end having internal threadings; and lateral hardware attached to and extending from an outer surface of the second end of the pipe like segment for facilitating selectable rotation of the pipe like segment after the corkscrew assembly has positioned the pipe like assembly upon the fruit to be cored. The corkscrew assembly includes a corkscrew proper; a boss proportioned for threadable engagement with the threaded inner surface of the second end of the pipe like segment in which the boss is integral with a second end of the elongate member; and a handle of the corkscrew assembly which is integral to a side of the boss opposite said elongate member. The aggregate length of the entirety of the corkscrew assembly substantially exceeds a length of the coring assembly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1493/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRICYCLIC LACTONES FOR TREATMENT OF CANCER

(51) International classification :C07D303/38,C07D307/93,A61K31/365
(31) Priority Document No :10508158
(32) Priority Date :19/07/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2011/062243
Filing Date :18/07/2011
(87) International Publication No :WO 2012/010555
(61) Patent of Addition 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)JOHANSSON Martin
3)STERNER Olov
4)MU'OZ Eduardo

(57) Abstract :
The present invention discloses novel compounds useful for the inhibition of IL-6/STAT signaling and/or PI3K/ NF-KB signaling in the treatment of associated diseases or conditions, e.g. cancer. A pharmaceutical composition comprising such novel compounds, its use and a method thereof, is also disclosed.

No. of Pages : 63 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1494/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TURBO COMPOUND SYSTEM IN PARTICULAR OF A MOTOR VEHICLE

(51) International classification :F02B41/10
(31) Priority Document No :10 2011 012 861.1
(32) Priority Date :02/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/000730
Filing Date :18/02/2012
(87) International Publication No :WO 2012/116787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KLEY Markus

(57) Abstract :
The invention relates to a turbo compound system in particular of a motor vehicle having an internal combustion engine which has an output shaft; having an exhaust gas power turbine which is arranged in the exhaust gas flow of the internal combustion engine and has an impeller wheel which is mounted fixedly on a turbine shaft so as to rotate with it; the exhaust gas power turbine is drive connected via a step up gear mechanism to the output shaft of the internal combustion engine in order to transmit drive power via the step up gear mechanism to the output shaft; having a hydrodynamic coupling which has an impeller and a turbine wheel which form with one another a toroidal working chamber which can be filled with working medium via an inlet in order to transmit torque hydrodynamically from the impeller to the turbine wheel; wherein at least one gearwheel of the step up gear mechanism is lubricated with working medium of the hydrodynamic coupling and the step up gear mechanism is arranged in the drive connection between the hydrodynamic coupling and the exhaust gas power turbine. The invention is characterized in that the step up gear mechanism is configured as a planetary gear mechanism comprising a sun gear at least one planetary gear which is mounted on a planetary carrier and an internal gear which are in engagement with one another; and a lubricant channel is arranged in the planetary carrier in order to lubricate at least the sun gear internal gear and/or at least one planetary gear with working medium.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1437/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COOLING FAN

(51) International classification :F04D29/32,F04D29/66
(31) Priority Document No :2010176430
(32) Priority Date :05/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067764
Filing Date :03/08/2011
(87) International Publication No :WO 2012/018042
(61) Patent of Addition 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)YOKOYAMA Hiroshi
3)OSAWA Yukio

(57) Abstract :
This cooling fan comprises a boss portion (12) linked to a rotary drive source a plurality of blades (13) projecting radially outward from the boss portion and a cylindrical ring member (14) linking the vicinity of the radially outward edge portions of the plurality of blades in an annular form. The plurality of blades (13) projecting radially outward from the boss portion (12) are linked by the cylindrical ring member (14) in the vicinity of the radially outward edge portions of the blades. Air inflow slots (16) are provided to an axial edge portion of the ring member (14) toward where air is drawn in. The air inflow slots (16) are disposed in the ring member (14) between the area of each of the blades (13) located frontward with respect to the direction of rotation and the area of the adjacent blade (13) located frontward with respect to the direction of rotation. Air flowing in from the outer peripheral side is passed through the air inflow slots (16) of the ring member (14) gradually changed in direction and drawn between the blades (13).

No. of Pages : 41 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1438/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH OPACITY LASER PRINTABLE FACESTOCK

(51) International classification :G03G7/00,B32B7/12,B32B27/08
(31) Priority Document No :12/846998
(32) Priority Date :30/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046130
Filing Date :01/08/2011
(87) International Publication No :WO 2012/016241
(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)SHUTTLEWORTH Wendy
5)HONG Le Hoa
6)VELAZQUEZ Lliana
7)TATARYAN Anahit
8)GUPTA Vikaas

(57) Abstract :
A multilayer laminate such as a label assembly having high opacity and desirable appearance characteristics is described. The laminate includes a facestock layer an adhesive layer and a liner layer. The facestock layer includes a print receiving top coat layer that includes a combination of titanium dioxide and one or more optical brighteners. The combination of these materials avoids build up of static charges upon laser printing on the facestock.

No. of Pages : 48 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1495/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DRIVE TRAIN HAVING A HYDRODYNAMIC RETARDER AND METHOD FOR ADJUSTING THE BRAKING TORQUE

(51) International classification :B60T10/02,F16D57/04
(31) Priority Document No :10 2010 051 717.8
(32) Priority Date :19/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/003968
Filing Date :09/08/2011
(87) International Publication No :WO 2012/065653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :St. Pltener Str. 43 89522 Heidenheim Germany
(72)**Name of Inventor :**
1)HUTH Tilman
2)LAUKEMANN Dieter

(57) Abstract :
The invention relates to a drive train in particular of a motor vehicle having a drive engine comprising a main output shaft by means of which drive wheels or another assembly can be driven; having a hydrodynamic retarder comprising a driven bladed primary wheel and a bladed secondary wheel which is fixed or driven in the opposite direction to the primary wheel said wheels forming with one another a toroidal working space which is filled or can be filled with a working medium in order to transmit torque hydrodynamically from the primary wheel to the secondary wheel; the drive engine has a secondary output shaft by means of which the primary wheel of the retarder is driven. The invention is characterized in that the hydrodynamic retarder is embodied as a single stage uncontrolled retarder which can be switched exclusively between a switched on state and a switched off state.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1496/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TOOTHED WHEEL AND BACKLASH FREE GEAR TRAIN

(51) International classification :F16H55/18,F16H55/06,F16H55/16
(31) Priority Document No :A 1604/2010
(32) Priority Date :24/09/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/050012
Filing Date :23/09/2011
(87) International Publication No :WO 2012/037593
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :Dr. Mitterbauer Strae 3 A 4663 Laakirchen Austria
(72)**Name of Inventor :**
1)MITTERMAIR Mario
2)GIELESBERGER Josef
3)SPITZBART Rudolf

(57) Abstract :
The invention relates to a too- thed wheel (1) having a sequence of X teeth (4), wherein each Nth tooth (4) at least parti- ally has a smaller tooth rigidity compared to the remaining X-N teeth (4), N being a num- ber which is selected from a rnge with a lower limit of 2 and an upper limit of X, in particular X/2, or wherein a number of M teeth at least partially have a smaller tooth r i gidity than the remaining X-M teeth, where M is selected from a rnge with a lower limit of 1 and an upper limit of X-l or an upper li mit of X provided that at least individual teeth are divided or all the teeth have a diffe- rent geometry, and/or wherein the tooth Sy s tem (3) has a pitch in which each Nth tooth (4) Stands out compared to the remaining X- N teeth (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1440/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PREPARATION OF A MOLECULAR RECOGNITION ELEMENT

(51) International classification :G01N33/543
(31) Priority Document No :10177028.7
(32) Priority Date :16/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/065671
Filing Date :09/09/2011
(87) International Publication No :WO 2012/034946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHAHGALDIAN Patrick
2)CUMBO Alessandro
3)CORVINI Philippe

(57) Abstract :
The present invention relates to a method for preparation of a molecular recognition element (1 11 111) comprising the steps of binding a template (4) to a surface of a carrier material (3 30) providing a recognition material to the surface of the carrier material (3 30) initiating polymerization of the recognition material on the surface of the carrier material (3 30) stopping the polymerization of the recognition material on the surface of the carrier material (3 30) and releasing the template (4) from the surface of the carrier material (3 30) and the polymerized recognition material (6 60). The method is characterized in that an aim size of individual imprints (10 100 120) is predefined and the polymerization of the recognition material on the surface of the carrier material (3 30) is stopped when a size of individual imprints (10 100 120) of the polymerized recognition material (6 60) essentially equals the predefined aim size. This method is readily applicable for preparation of a molecular recognition element al (1 11 111) useful as a drug catalyst competitive affinity ligand inhibitor competitor agonist antagonist or diagnostic agent.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1497/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLOW COMPRESSOR IN PARTICULAR FOR THE SUPERCHARGING OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :F04D29/42,F04D29/68
(31) Priority Document No :10 2011 019 006.6
(32) Priority Date :29/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001532
Filing Date :07/04/2012
(87) International Publication No :WO 2012/146344
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GROTHE Christian

(57) Abstract :
A flow compressor in particular for the supercharging of an internal combustion engine having a compressor housing; having a compressor rotor which is rotatably mounted in the compressor housing; having an inflow duct for the medium to be compressed which inflow duct extends in the flow direction of the medium to be compressed from a compressor inlet to the compressor rotor; having a recirculation duct for the medium to be compressed which recirculation duct branches off from the inflow duct in the region of the compressor rotor side end of the inflow duct and opens out in the inflow duct in the region of the compressor inlet side end; having a sound shielding ring which is inserted in the inflow duct and/or in the recirculation duct in the region of the compressor inlet side end in order to shield against sound waves of the medium to be compressed which flows back via the recirculation duct; wherein the sound shielding ring is inserted in a positively locking manner in the compressor housing by means of a snap action connection. The invention is characterized in that the sound shielding ring has a multiplicity of detent projections which engage into an undercut of the compressor housing; the sound shielding ring has a multiplicity of tongues which are connected to a circumferentially encircling annular main body and which are provided with the detent projections and the tongues project from the compressor inlet side end into the recirculation duct in the direction of the compressor rotor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1498/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HYDRAULIC TURBOMACHINE

(51) International classification :F03B3/18,F03B3/02
(31) Priority Document No :10 2011 011 444.0
(32) Priority Date :16/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/000404
Filing Date :31/01/2012
(87) International Publication No :WO 2012/110197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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

(57) Abstract :
The invention relates to a hydraulic turbomachine comprising a runner acted upon by water said runner having a plurality of guide vanes a spiral housing enclosing the runner a traverse ring having two traverse ring decks that are interconnected by cross beams and lengths of pipe enveloping the traverse ring said lengths of pipe being interconnected one after the other in the circumferential direction and the flow sections thereof tapering in the flow direction of the water. The invention is characterized by the following features: at least one reinforcing element is mounted on the outer circumference of the spiral housing in the region of the connecting point between two lengths of pipe which reinforcing element locally interconnects two lengths of pipe at a time; a plurality of reinforcing elements which are distributed on the circumference of the spiral housing above the connecting point between two lengths of pipe; and the reinforcing element is mounted on the spiral housing in the region of the transition from the spiral housing to the respective traverse ring deck.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1470/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MONITOR DEVICE AND WORKING VEHICLE EQUIPPED WITH SAME

(51) International classification :G09F9/00,E02F9/26,G02F1/1333
(31) Priority Document No :2012179005
(32) Priority Date :10/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/079038
Filing Date :08/11/2012
(87) International Publication No :WO 2014/024331
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOSAKA Masahiko

(57) Abstract :
A monitor device (20) is provided with: a liquid crystal display serving as a display unit; a monitor substrate (29) electrically connected to the liquid crystal display; a connector (34) used to electrically connect the monitor substrate (29) and an external unit; and a resin outer casing (21) for accommodating the liquid crystal display and the monitor substrate (29). A connector installation part (40) is provided to an outer casing (21) rear surface portion (23D) which faces the monitor substrate (29) said connector installation part forming a recess extending to a side of the connector (34). An opening (23A) which exposes the connector (34) is provided inside the connector installation member (40). At least a portion of the inner peripheral surface of the connector installation member (40) forms a slanted surface portion (46) which broadens as said slanted surface portion extends from an upright surface portion (43) (the opening (23A)) towards the rear surface portion (23D).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1471/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DESCALING SYSTEM

(51) International classification :B21B45/06,B21B45/08
(31) Priority Document No :10173232.9
(32) Priority Date :18/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061487
Filing Date :07/07/2011
(87) International Publication No :WO 2012/022536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GEORGI Jens

(57) Abstract :
The invention relates to a descaling system for descaling in hot rolling mills comprising at least one hydraulic pump (P1) which is driven by means of a pump motor (M). Here the pump motor (M) is configured as a pole changing motor and is connected to a controller (STR) which is set up for pole changing between descaling times and descaling pauses. A considerable amount of energy is saved in this way during a descaling pause by the rotational speed of the pump motor (M) being reduced by means of pole changing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1472/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RECEIVER DEVICE RECEIVING METHOD PROGRAM AND BROADCASTING SYSTEM

(51) International classification :G06F13/00,H04N7/173
(31) Priority Document No :61/378277
(32) Priority Date :30/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/068834
Filing Date :22/08/2011
(87) International Publication No :WO 2012/029565
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DEWA Yoshiharu

(57) Abstract :
The present invention relates to a receiver device a receiving method a program and a broadcasting system that can prevent the execution of processes that are against the intention of a user even when a data broadcasting service is achieved by transitioning between documents. A determination is made as to whether or not the domain name of a server from which an HTML document to be executed is acquired matches the domain name (www.a.com) of a server managed by a broadcasting business operator. Depending on the determination result the execution of a specific process caused by the execution of the HTML document to be executed is allowed (or restricted). The present invention can be employed for achieving data broadcasting in the United States for example.

No. of Pages : 88 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1525/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMBINATION PHARMACEUTICAL COMPOSITION AND METHODS OF TREATING DISEASES OR CONDITIONS ASSOCIATED WITH RESPIRATORY DISEASE OR CONDITION

(51) International classification	:A61K39/395,C07K16/18,C07K16/26
(31) Priority Document No	:2010130352
(32) Priority Date	:21/07/2010
(33) Name of priority country	:Russia
(86) International Application No Filing Date	:PCT/IB2011/002346 :15/07/2011
(87) International Publication No	:WO 2012/010973
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)EPSHTEIN Oleg Iliich

(57) Abstract :
The present invention is concerned with a combination pharmaceutical composition comprising a) an activated potentiated form of an antibody to bradykinin b) an activated potentiated form of an antibody to histamine and c) an activated potentiated form of an antibody to morphine and method for treating and preventing upper respiratory tract conditions or disorders and the symptoms associated therewith by administration of the combination composition.

No. of Pages : 37 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1526/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A COMBINATION PHARMACEUTICAL COMPOSITION AND METHODS OF TREATING DIABETES AND METABOLIC DISORDERS

(51) International classification	:A61K41/00,C07K16/28,C07K16/40
(31) Priority Document No	:2010130348
(32) Priority Date	:21/07/2010
(33) Name of priority country	:Russia
(86) International Application No Filing Date	:PCT/IB2011/002177 :15/07/2011
(87) International Publication No	:WO 2012/010966
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)EPSHTEIN Oleg Iliich

(57) Abstract :
The present application provides a pharmaceutical composition for administration to a patient suffering from diabetes and other metabolic disorders the composition comprises a) an activated potentiated form of an antibody to human insulin receptor and b) an activated potentiated form of an antibody to endothelial NO synthase.

No. of Pages : 62 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1476/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DISPLAY DEVICE FOR WORK MACHINERY AND WORK MACHINERY IN WHICH DISPLAY DEVICE IS MOUNTED

(51) International classification :B60R16/02,E02F9/26,G01F9/00
(31) Priority Document No :2011215160
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070855
Filing Date :16/08/2012
(87) International Publication No :WO 2013/046988
(61) Patent of Addition 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)TAJIMA Kentarou

(57) Abstract :
A multi monitor (display device) (53) which is mounted in self driven construction machinery equipped with a lower traveling body and work machinery both having the engine as a drive source and which receives instantaneous fuel consumption data from a controller that controls the amount of fuel supplied to the engine said multi monitor being equipped with: a display unit (112) which has a single economy gauge (fuel consumption display unit)that displays the street mode fuel consumption for when the lower traveling body is operated and displays the working mode fuel consumption for when the work machinery is operated; a 100% gauge fuel consumption value calculation means (122) which on the basis of the respective target fuel consumptions for each of the modes calculates fuel consumption value when the economy gauge is at full scale; and a gauge display value calculation means (123) which calculates the percentage of instantaneous fuel consumption with respect to the 100% fuel consumption as calculated by the 100% gauge fuel consumption value calculation means (122).

No. of Pages : 64 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1477/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VEHICLE SEAT

(51) International classification :B60N2/58,B60N2/68
(31) Priority Document No :10 2010 049 201.9
(32) Priority Date :18/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/075242
Filing Date :05/10/2011
(87) International Publication No :WO 2012/052015
(61) Patent of Addition 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)GALIJASEVIC Sasa
3)JUNG Thomas

(57) Abstract :
The invention relates to a vehicle seat in particular a motor vehicle seat comprising a sitting part structure (2) and a seatback structure (1) which is arranged so as to pivot at its lower end on the sitting part structure (2) and is covered by a seatback cover (23) and to which in its upper region on the vehicle sill side is secured a belt deflector (5) comprising a belt runner opening for a seatbelt (4) said belt runner opening facing in the longitudinal direction of the vehicle the seatbelt (4) being guided out of an automatic belt roller mechanism (3) which rigidly accommodates one end of the seatbelt (4) through the belt runner opening (12) in the belt deflector (5). The belt deflector (5) is covered by the seatback cover (23) the seatback cover (23) having a belt passage through opening (24) which coincides with the belt runner opening (12) and is covered on the front face of the seatback by a belt cover (7) which has a belt guide slot (6) and is connected to the seatback cover (23).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1478/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GENERATOR MOTOR AND WORK MACHINE

(51) International classification :H02K5/22,E02F9/00,H01R13/73
(31) Priority Document No :2011077699
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057679
Filing Date :26/03/2012
(87) International Publication No :WO 2012/133260
(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)NAGANO Takao

(57) Abstract :
This generator motor which is connected to the output shaft of an engine mounted on a work machine comprises a terminal box (8) that houses a plurality of connectors (83A 83B) for connecting external power supply cables (9) to the generator motor. In a state where the terminal box (8) is provided on the generator motor the plurality of connectors (83A 83B) are juxtapose in a direction intersecting with a straight plane that is orthogonal to the rotation axis of the generator motor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1530/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FOREIGN OBJECT DEBRIS BARRIER FOR RUNWAYS

(51) International classification :E01F13/00
(31) Priority Document No :207600
(32) Priority Date :12/08/2010
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2011/000616
Filing Date :31/07/2011
(87) International Publication No :WO 2012/020398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHAPIRA Ivry

(57) Abstract :
The invention relates to the safety of airport runways. The invention provides a side barrier preventing foreign object debris (FOD) from entering a runway and taxiway and endangering aircraft. The barrier having ground attachment means and being constructed to collapse if the landing wheels of an aircraft impact the barrier and thus allow the aircraft to safely continue landing/takeoff/taxiing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1479/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GENERATOR MOTOR AND WORK MACHINE

(51) International classification :H02K5/22,E02F9/00
(31) Priority Document No :2011077698
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057678
Filing Date :26/03/2012
(87) International Publication No :WO 2012/133259
(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)NAGANO Takao

(57) Abstract :
A generator motor (5) connected to the output shaft of an engine mounted on a work machine comprises a terminal box (8) for connecting an external power supply cable to the generator motor (5). The terminal box (8) includes a casing (8A) having an interior space that communicates with the inside of the housing of the generator motor (5). The casing (8A) of the terminal box (8) is provided so as to be attachable to and detachable from the housing of the generator motor (5).

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1480/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GENERATOR MOTOR AND WORK MACHINE

(51) International classification :H02K5/22,E02F9/00
(31) Priority Document No :2011077700
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057680
Filing Date :26/03/2012
(87) International Publication No :WO 2012/133261
(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 generator motor (5) connected to the output shaft of an engine mounted on a work machine comprises a terminal box (8) that houses a connector for connecting an external power supply cable (9) to the generator motor (5). In a state where the terminal box (8) is provided on the generator motor (5) the connector is arranged so as to face downward and the power supply cable (9) is connectable to the connector from below.

No. of Pages : 41 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1532/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS FOR IN SITU DEPOSITION OF COATINGS AND ARTICLES PRODUCED USING SAME

(51) International classification :C23C14/56,C23C8/06
(31) Priority Document No :61/385899
(32) Priority Date :23/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052616
Filing Date :21/09/2011
(87) International Publication No :WO 2012/040368
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KAPELANCZYK Matt M.
2)SHAH Tushar K.

(57) Abstract :
Methods for depositing a coating on a metal surface can include heating a metal surface to a temperature not greater than its melting point; while heating the metal surface applying a vacuum thereto; and while heating the metal surface releasing the vacuum and backfilling with a first purge gas where the first purge gas is reactive with the heated metal surface so as to deposit at least one layer of a coating thereon. The present methods can be used to deposit a coating in situ during the fabrication of solar receivers in which the solar receivers contain an annulus defined by a metal tube as the inner surface and a material that is at least partially transparent to solar radiation as the outer surface.

No. of Pages : 16 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1533/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GLASS SUBSTRATES HAVING CARBON NANOTUBES GROWN THEREON AND METHODS FOR PRODUCTION THEREOF

(51) International classification :B05D5/06,B05D5/12
(31) Priority Document No :61/382861
(32) Priority Date :14/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051260
Filing Date :12/09/2011
(87) International Publication No :WO 2012/037042
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MALET Brandon K.
2)SHAH Tushar K.

(57) Abstract :
Methods for growing carbon nanotubes on glass substrates particularly glass fiber substrates are described herein. The methods can include depositing a catalytic material or a catalyst precursor on a glass substrate; depositing a non catalytic material on the glass substrate prior to after or concurrently with the catalytic material or catalyst precurosr; and exposing the glass substrate to carbon nanotube growth conditions so as to grow carbon nanotubes thereon. The glass substrate particularly a glass fiber substrate can be transported while the carbon nanotubes are being grown thereon. Catalyst precursors can be converted into a catalyst when exposed to carbon nanotube growth conditions. The catalytic material or catalyst precursor and the non catalytic material can be deposited from a solution containing water as a solvent. Illustrative deposition techniques include for example spray coating and dip coating.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1534/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AUTOTAXIN INHIBITORS AND USES THEREOF

(51) International classification :C07D209/30,C07D401/04,C07D401/06
(31) Priority Document No :61/375688
(32) Priority Date :20/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048477
Filing Date :19/08/2011
(87) International Publication No :WO 2012/024620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROPPE Jeffrey Roger
2)PARR Timothy Andrew
3)STOCK Nicholas Simon
4)VOLKOTS Deborah
5)HUTCHINSON John Howard

(57) Abstract :
Described herein are compounds that are inhibitors of autotaxin. Also described are pharmaceutical compositions and medicaments that include the compounds described herein as well as methods of using such inhibitors alone and in combination with other compounds for treating autotaxin dependent or autotaxin mediated conditions or diseases.

No. of Pages : 231 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10918/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS SERVER MERCHANT DEVICE COMPUTER PROGRAMS AND COMPUTER PROGRAM PRODUCTS FOR SETTING UP COMMUNICATION

(51) International classification :G06Q20/00,H04W12/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2010/050745
Filing Date :29/06/2010
(87) International Publication No :WO 2012/002852
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)ELD Mattias
2)ARVIDSSON Petter
3)SELANDER Gran

(57) Abstract :
It is presented a security server arranged to set up communication between a merchant device and a customer payment application. The security server comprises: a receiver arranged to receive a first message comprising a customer identifier an application identifier and a security token; a determiner arranged to determine whether the merchant device is authorised; a transmitter arranged to send a second message to the merchant device the second message indicating that the merchant device is authorised to effect payment; and a channel establisher arranged to set up a secure channel between the merchant device and the customer payment application in a secure element being adapted to be comprised in a mobile communication terminal wherein all communication between the merchant device and the customer payment application is controlled by the security server. Corresponding methods merchant device computer programs and computer program products are also presented.

No. of Pages : 48 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10919/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A DEVICE A SYSTEM INSTALLATION AND A METHOD FOR GENERATING POWER FROM A GAS STREAM

(51) International classification :F03D9/00,F24F7/007
(31) Priority Document No :10506301
(32) Priority Date :18/06/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050769
Filing Date :17/06/2011
(87) International Publication No :WO 2011/159247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZAZI David
Address of Applicant :Turingegatan 34 S 151 34 Sdertlje Sweden
(72)**Name of Inventor :**
1)ZAZI David

(57) Abstract :
The invention relates to a device for generating electrical power wherein the device (3) is adapted to be installed in connection with a building or a construction provided with at least one first gas source (7a 7b 7c 7d) adapted to provide at least one first gas stream wherein the device comprises a gas turbine (13) adapted to receive at least a part of the at least one first gas stream (9) from the at least one first gas source and to convert at least a part of the kinetic energy of the gas stream into electrical power. The invention also relates to a system installation comprising such a device and a method of converting wind into electrical power with such a device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1429/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AN OSTOMY APPLIANCE

(51) International classification :A61F5/44,A61F13/02,A61F17/00
(31) Priority Document No :PA 2010 70362
(32) Priority Date :16/08/2010
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2011/050311
Filing Date :16/08/2011
(87) International Publication No :WO 2012/022354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COLOPLAST A/S
Address of Applicant :Holtedam 1 DK 3050 Humlebaek Denmark
(72)**Name of Inventor :**
1)BUUS Hasse

(57) Abstract :
The present invention discloses an ostomy device comprising an adhesive wafer wherein said adhesive wafer comprises means for preventing deformation and tearing when the adhesive wafer is removed from the skin. In particular the present invention relates to adhesive wafers formed of soft adhesives.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1487/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH PRESSURE FUEL PUMP

(51) International classification :F02M55/00,F02M59/44,F02M29/06
(31) Priority Document No :10 2010 041 425.5
(32) Priority Date :27/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/065074
Filing Date :01/09/2011
(87) International Publication No :WO 2012/041627
(61) Patent of Addition 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)GAERTNER Oliver
2)GOSSE Daniel

(57) Abstract :
The invention relates to a high pressure fuel pump of an internal combustion engine having a pump housing (1) for accommodating at least one pump element and a drive shaft for actuating the at least one pump element wherein the pump housing (1) comprises at least one housing part (2) which is manufactured from plastic. According to the invention the housing part (2) which is manufactured from plastic has a nanocrystalline metallic coating (4) which increases the strength and/or the temperature resistance at least in the region of a mechanically and/or thermally highly loaded location (3). Furthermore the invention relates to the use of a nanocrystalline metallic coating (4) in order to increase the strength and/or the temperature resistance of a housing part (2) of a high pressure fuel pump.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1540/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITIONS COMPRISING PAULOWNIN AND/OR PAULOWNIA EXTRACTS AND USES THEREOF

(51) International classification :A61K8/97
(31) Priority Document No :12/859322
(32) Priority Date :19/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048073
Filing Date :17/08/2011
(87) International Publication No :WO 2012/024392
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAUR Simarna
2)LOY Chong Jin
3)MAHMOOD Khalid
4)SALIOU Claude
5)SOUTHALL Michael

(57) Abstract :
Provided are compositions comprising botanical extracts from certain species of the genus Paulownia methods of lightening the skin therewith and other uses thereof. Also provided are compositions comprising the compound paulownin methods of lightening the skin therewith and other uses thereof.

No. of Pages : 67 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1447/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SECURITY TAG WITH INTEGRATED EAS AND ENERGY HARVESTING MAGNETIC ELEMENT

(51) International classification :G08B13/24
(31) Priority Document No :12/852918
(32) Priority Date :09/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001397
Filing Date :08/08/2011
(87) International Publication No :WO 2012/021161
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SENSORMATIC ELECTRONICS LLC
Address of Applicant :6600 Congress Avenue Boca Raton FL 33487 U.S.A.
(72)**Name of Inventor :**
1)COPELAND Richard L.
2)DAY Edward

(57) Abstract :
An EAS security tag for providing both EAS and battery recharging features within one tag. The tag includes a rechargeable battery and an antenna having a magnetic core and at least one coil winding disposed around at least a portion of the core. The antenna supplies a voltage corresponding to a first frequency or a second frequency when placed within a magnetic field. The tag also includes an EAS circuit having a resonant frequency corresponding to the first frequency and an energy harvesting circuit having a resonant frequency corresponding to the second frequency where the battery recharging circuit recharges the rechargeable battery. Depending upon the magnetic field that the tag is exposed to either the EAS circuit is enabled thus allowing for EAS detection or the energy harvesting circuit is enabled allowing for the battery to be recharged.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1503/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NON LIPIDATED VARIANTS OF NEISSERIA MENINGITIDIS ORF2086 ANTIGENS

(51) International classification :A61K39/095,C07K14/22
(31) Priority Document No :61/381837
(32) Priority Date :10/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/053934
Filing Date :08/09/2011
(87) International Publication No :WO 2012/032489
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WYETH LLC
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(72)**Name of Inventor :**
1)ANDERSON Annaliesa Sybil
2)HOISETH Susan Kay
3)JANSEN Kathrin Ute
4)MORAN Justin Keith
5)RUPPEN Mark Edward

(57) Abstract :
The present invention relates to compositions including an isolated non pyruvylated non lipidated ORF2086 polypeptide and methods thereof. In an exemplary embodiment the compositions described herein are immunogenic. The present invention further relates to compositions that elicit a bactericidal immune response in a mammal against an ORF2086 subfamily B polypeptide from serogroup B Neisseria meningitidis and methods related thereto.

No. of Pages : 148 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1505/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RANDOMIZATION OF BLOCK SPREAD SIGNALS

(51) International classification :H04J13/00,H04J11/00,H04L27/28
(31) Priority Document No :61/373976
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/064033
Filing Date :15/08/2011
(87) International Publication No :WO 2012/022716
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PAJUKOSKI Kari Pekka
2)TIIROLA Esa Tapani
3)HOOLI Kari Juhani

(57) Abstract :
A user equipment locally stores a shift pattern that is specific to a cell to which the user equipment is currently attached and processes a group of modulation symbols or bits for uplink transmission by a) cyclically shifting the modulation symbols or bits within the group according to the stored cell specific shift pattern and b) applying a spreading code to the group of symbols or bits. Different embodiments include spatial shifting and frequency bin shifting.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.336/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EMBEDDED OPTICAL ELEMENT PACKAGE MODULE USING A THERMOCOUPLE

(51) International classification :H01L33/64
(31) Priority Document No :1020100056176
(32) Priority Date :14/06/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/004327
Filing Date :14/06/2011
(87) International Publication No :WO 2011/159077
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)YOON Dong Han
Address of Applicant :107 602 Inuipureujio APT. Inuipureujio 986 Inui dong Gumi si Gyeongsangbuk do 730 755 Republic of Korea
(72)**Name of Inventor :**
1)YOON Dong Han

(57) Abstract :
The present invention relates to a embedded optical element package module using a thermocouple, which increases the optical output efficiency of an optical element, quickly dissipates high-temperature heat generated by the optical element having high output to prevent degradation, converts waste heat into electrical energy, and supplies the electrical energy as a power source for the optical element to reutilize resources, thereby reducing the I amount of power consumed by the optical element and minimizing costs. The embedded I optical element package module using a thermocouple comprises: a metal circuit board which is made of a conductive metal material, and which has a plurality of hollow mounting spaces I formed on an upper surface thereof; optical elements embedded in the respective mounting spaces of the metal circuit board; a molding unit arranged on the top of the metal circuit board to close the mounting spaces in which the optical elements are embedded, wherein the molding unit is made of a transparent resin; and a heat-dissipating plate which is arranged at the bottom of the metal circuit board, and which has a plurality of heat-dissipating fins to dissipate heat. The heat-dissipating plate comprises the thermocouple, which is arranged in the shape of a checkerboard on the heat-dissipating fins to convert the thermal energy transferred from the optical elements into thermoelectromotive force and generate thermoelectric current at the contact point at which two types of metals having different thermal conductivities cross-contact each other; and an external supply terminal which is connected to an outer rim of the thermocouple and which is made of a conductive metal material to recover the generated thermoelectric current, convert the recovered thermoelectric current into electrical energy, and supply the electrical energy to the optical elements.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10928/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : Obtaining Signalling Information In A Packet Switched Network

(51) International classification :H04N
(31) Priority Document No :PCT/EP2010/058575
(32) Priority Date :17/06/2010
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2010/058575
Filing Date :17/06/2010
(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)NOLDUS Rogier August Caspar Joseph
2)DEN HARTOG Jos

(57) Abstract :
A method for a first node obtaining signalling information in a packet switched network. The method comprises the steps of the first node sending a first request message comprising a first request for collecting signalling information towards a second node comprised by the packet switched network; the first node receiving a first response message the first response message comprising a signalling information added by the second node and the signalling information collected by the second node in response to the first request message.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10929/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYMERIC SYSTEM FOR DELIVERING A PRESERVATIVE-FREE PROSTAGLANDIN-BASED NONVISCOUS SOLUTION

(51) International classification :C08F
(31) Priority Document No :61/359,699
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/060848
Filing Date :28/06/2011
(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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(72)**Name of Inventor :**
1)MERCIER Fabrice

(57) Abstract :
This invention concerns an ophthalmic solution including: - at least one prostaglandin; - a solubilizing agent; - a gelling agent of the carbomer type; - a carbomer polymerization-inhibiting agent; - a co-gelling/co-solubilizing agent.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10930/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRANSMITTER OUTPUT WITH SCALEABLE RANGEABILITY

(51) International classification :H04N
(31) Priority Document No :12/834,393
(32) Priority Date :12/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001211
Filing Date :11/07/2011
(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 :**
1)Rousemount Inc.
Address of Applicant :12001 Technology Drive Eden Prairie Minnesota 55344 UNITED STATES OF AMERICA. .
(72)**Name of Inventor :**
1)HEDTKE Robert C.

(57) Abstract :
An industrial process transmitter includes a sensing system and transmitter electronics. The sensing system senses a process variable over a range. The transmitter electronics is connected to the sensing system and produces a scaled analog communication signal to communicate the process variable over an analog loop. The range is disproportionately distributed over the scale by the transmitter electronics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1461/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RECEIVER APPARATUS RECEPTION METHOD TRANSMITTER APPARATUS TRANSMISSION METHOD PROGRAM AND BROADCAST SYSTEM

(51) International classification :H04N7/173
(31) Priority Document No :61/378225
(32) Priority Date :30/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/068836
Filing Date :22/08/2011
(87) International Publication No :WO 2012/029567
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KITAZATO Naohisa
2)HATTORI Shinobu
3)DEWA Yoshiharu

(57) Abstract :
The present invention relates to a receiver apparatus a reception method a transmitter apparatus a transmission method a program and a broadcast system whereby a data broadcast application currently executed can be continuously executed or terminated in accordance with an image switching operation. When an image switching operation is performed if a data broadcast application having transitioned to an execution state is existent the type of an image switching operation which was a cue to start that processing is determined. Then App_life_scope which has been stored and associated with the data broadcast application currently executed is referred to. If the determined type of the switching operation is within a range shown by the App_life_scope then the data broadcast application currently executed is continuously executed. Otherwise the data broadcast application is terminated. The present invention can be applied to a case where data broadcast is performed in for example the United States of America.

No. of Pages : 100 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.337/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INTEGRATED HAND HELD APPARATUS AND ASSOCIATED METHOD FOR ACQUIRING DIAGNOSTIC AND PROGNOSTIC INFORMATION FROM A PATIENT AT THE BEDSIDE OR AT SOME OTHER PATIENT LOCATION

(51) International classification :A61B8/00
(31) Priority Document No :61/353859
(32) Priority Date :11/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040209
Filing Date :13/06/2011
(87) International Publication No :WO 2011/156815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZOGHBI William

(57) Abstract :
An integrated hand held apparatus for acquiring diagnostic and prognostic information from a patient at the bedside or at some other patient location the apparatus including a wand with a microphone for acquiring sound information from the patient and an ultrasound emitter/receiver for acquiring image data from the patient a base unit including a speaker for presenting sound information to a user and a display for presenting image information to a user and transferring the sound information acquired by the microphone and the image information acquired by the ultrasound emitter/receiver from the wand to the base unit.

No. of Pages : 120 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1433/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PISTON CONSTRUCTIONS FOR OPPOSED PISTON ENGINES

(51) International classification :F02B25/08,F02B29/04,F02B37/013
(31) Priority Document No :61/401598
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001429
Filing Date :15/08/2011
(87) International Publication No :WO 2012/023970
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DION Eric P.
2)LENSKI Brendan
3)MACKENZIE Ryan G.

(57) Abstract :
A piston construction for an opposed piston engine accommodates contoured end surfaces of the piston crowns and articulation of the pistons with piston rods. The shape of each piston crown includes a bowl with an adjoining ridge that protrudes axially of the piston. A cooling construction for the piston includes an outer gallery running around the inner surface of the piston sidewall in the vicinity of the crown. The outer gallery girds and is in fluid communication with a central gallery that abuts the deepest part of the bowl. The outer gallery has an asymmetric profile that rises under the ridge and that slants upwardly under a peripheral portion of the bowl. A mechanism for coupling the piston to a piston rod includes a biaxial slipper bearing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1434/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FUEL INJECTION SPRAY PATTERNS FOR OPPOSED PISTON ENGINES

(51) International classification :F01B7/02,F02B23/06,F02B75/28
(31) Priority Document No :61/401598
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001436
Filing Date :15/08/2011
(87) International Publication No :WO 2012/023975
(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)WAHL Michael H.

(57) Abstract :
A combustion chamber for an opposed piston engine includes a squish zone defined between circumferential peripheral areas of opposing end surfaces of the pistons a cavity defined by one or more bowls in the end surfaces and at least one injection port that extends radially through the squish zone into the cavity. The cavity has a cross sectional shape that imposes a tumbling motion on air flowing from the squish zone into the cavity. Opposing spray patterns of fuel are injected into the combustion chamber. In some aspects the opposing spray patterns are injected along a major axis of the combustion chamber.

No. of Pages : 26 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1490/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CERTAIN CHEMICAL ENTITIES COMPOSITIONS AND METHODS

(51) International classification :C07J63/00,A61K31/573,A61K36/77
(31) Priority Document No :61/376238
(32) Priority Date :23/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2011/001391
Filing Date :22/08/2011
(87) International Publication No :WO 2012/024893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHU Yong Liang

(57) Abstract :
Chemical entities which are triterpenoid derivatives pharmaceutical compositions and methods of treatment of inflammatory neurodegenerative neoplastic and autoimmune diseases are described.

No. of Pages : 44 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1491/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GEAR BOX WITH VARIABLY COUPLED OSCILLATION AND ROTATION FOR KNEADING MACHINE

(51) International classification :A21C1/14,A21C1/06,B01F7/08
(31) Priority Document No :12/857001
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047937
Filing Date :16/08/2011
(87) International Publication No :WO 2012/024307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)MARSH Douglas J.
3)KRESS John E.
4)MARULANDA PAZ Gonzalo

(57) Abstract :
A gear box for a reciprocating kneader. A primary rotational gear is attached to a gear box primary shaft and rotates in concert therewith. A secondary rotational gear is engaged with the primary rotation gear and rotates therewith. A secondary shaft is attached to the secondary rotational gear and rotates therewith. A primary oscillation gear is attached to the gear box primary shaft and rotates therewith. A secondary oscillation gear is rotationally engaged with the primary oscillation gear and rotates on the secondary shaft. An eccentric is coupled to the secondary oscillation gear and rotates in concert therewith. A yoke is engaged with the eccentric and oscillates on an axis perpendicular to the secondary shaft in response to the lobe. The gearbox secondary shaft moves along its axis in concert with yoke oscillation. A housing is pivotally attached to the yoke and pivotally attached to a casing at a casing.

No. of Pages : 30 No. of Claims : 29

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

(21) Application No.340/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR DETECTING MOLECULAR INTERACTIONS

(51) International classification :G01N
(31) Priority Document No :1002810
(32) Priority Date :02/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051528
Filing Date :30/06/2011
(87) International Publication No :WO 2012/001312
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BERNARDI Thierry
2)MAYER Pascal
3)GROELLY Jr´me

(57) Abstract :
The present invention relates to a method for detecting molecular interactions in a solution. In particular the present invention relates to a method for detecting interactions between two substances that are likely to interact with one another. The present invention can be used in particular in the field of scientific research and in the field of medical analysis.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1501/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CLOSEABLE OPENING DEVICES

(51) International classification :B65D5/74
(31) Priority Document No :10 2010 040 825.5
(32) Priority Date :15/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/064703
Filing Date :26/08/2011
(87) International Publication No :WO 2012/034836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BARRON Dan

(57) Abstract :
The closeable opening device according to the invention comprises a base (2) in which a cutting element (3) is supported. Driving dogs (42) in the closing screw cap (4) engage with driving dogs (32) in the cutting element (3) so that the cutting element (3) is displaced in the base (2) to the end position upon initial opening. At least one first rotational stop (5 50) ensures that the cutting element remains in position and neither moves upward in an undesired manner when the screw cap is opened nor can be displaced downward by any relative displacement of the two parts thus causing same to fall into the container. The first rotational stop (5) is made of a rib (50) on the inner face of the spout (20) which interacts with a recess in the form of a flat spot (35) on the cutting element (3). A second rotational stop (5) made of a stop cam (52) can additionally be present at the spout end (51) of the inner thread (24) in the spout (20) against which the inlet end (36) of the outer thread (31) on the cutting element (3) is stopped. When using both rotational stops (5) an end position of the cutting element (3) is secured in a form fit as well as force fit manner in the base (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1502/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CLOSEABLE OPENING DEVICE FOR A SEALED PACKAGE

(51) International classification :B65D5/74
(31) Priority Document No :10 2010 040 825.5
(32) Priority Date :15/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/064716
Filing Date :26/08/2011
(87) International Publication No :WO 2012/034838
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BARRON Dan

(57) Abstract :
The invention relates to a closeable opening device (1) made of a spout fitting (2) a cutting element (3) and a screw cap (4) optimized for assembly and use. To this end the spout fitting (2) and cutting element (3) are produced as semi finished goods (5). The cutting element (3) comprises an upper edge (33) at the cylindrical part (30) having recesses (36) distributed uniformly around the circumference. The screw cap (4) comprises ring wall segments (46) on the inner underside of the cover surface thereof designed diametrically opposite the recesses (36). The upper edge (33) and the ring wall segments (46) slide against each other during assembly until the ring wall segments (46) engage in the recesses (36) in a form fit manner. A stable form fit connection thus exists between the two said parts allowing greater torque to be transmitted without the problems known from the state of the art occurring.

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

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

(21) Application No.344/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RECYCLING OF ENZYMES FROM BIOREACTORS

(51) International classification :C12P7/02,C12P7/06,C12P7/08
(31) Priority Document No :1010644.1
(32) Priority Date :24/06/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/060667
Filing Date :24/06/2011
(87) International Publication No :WO 2011/161261
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STANLEY Christopher John

(57) Abstract :
A method of conducting an enzymatic process in which the enzymes are recovered and reused in at least a second iteration of the process wherein each iteration of the process comprises the steps of: (a) providing a heterogeneous substrate solution in which the substrate is fully soluble partially soluble or insoluble; (b) adding an enzyme or mixture of enzymes to the heterogeneous substrate solution; and (c) allowing an enzymatic reaction of the substrate to proceed; wherein after completion of step (c) for each iteration the enzyme is recovered from the mixture resulting from step (c) according to the following steps: (d) conducting a non packed bed adsorption process comprising contacting the reaction mixture with an adsorbent that adsorbs the enzyme in order to separate the enzyme from the reaction mixture resulting from step (c); (e) optionally washing unbound material from the adsorbent; and (f) desorbing the enzyme from the adsorbent; and further wherein the desorbed enzyme obtained in step (f) is used in step (b) of at least one subsequent iteration of the process.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1522/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OVERMOLDED POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

(51) International classification :B32B5/26,B32B27/12,B32B27/34
(31) Priority Document No :61/408166
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057952
Filing Date :27/10/2011
(87) International Publication No :WO 2012/058351
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIRCHNER Olaf Norbert
3)MESAROS David V.
4)WAKEMAN Martyn Douglas
5)YUAN Shengmei

(57) Abstract :
The present invention relates to the field of overmolded polyamide composites structures and processes for their preparation. The disclosed overmolded composite structures comprise i) a first component having a surface which surface has at least a portion made of a surface resin composition and comprising a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition ii) a second component comprising an overmolding resin composition wherein said second component is adhered to said first component over at least a portion of the surface of said first component and wherein the matrix resin composition and the surface resin composition are identical or different and are selected from polyamide compositions comprising a blend of (A) one or more fully aliphatic polyamides selected from group (I) polyamides and (B) one or more semiaromatic polyamides selected from group (II) polyamides having a melting point of at least 280°C.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1523/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TIME SLOT SHARING IN TDMA COMMUNICATION SYSTEM

(51) International classification :H04W28/06,H04L27/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2010/051082
Filing Date :07/10/2010
(87) International Publication No :WO 2012/047140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The embodiments of the present invention relate to a method in a transmitting unit; a method in a receiving unit; a transmitting unit and a receiving unit in a wireless communication network employing Time Division Multiple Access TDMA for transmitting and receiving and demodulating data respectively the data being transmitted in a signal comprising a burst wherein bursts relating to N number of mobile stations are multiplexed into a single time slot. The transmission comprises grouping a block of N b number of user code bits representing the data to be transmitted into N /N groups of user code bits. Mapping the groups of user code bits to data symbols such that one group is represented by one data symbol thereby obtaining a block of data symbols wherein each data symbol is drawn from one or more pre defined complex valued symbol constellation(s). The transmission further comprises repeating the block of data symbols such that the burst to be transmitted comprises N number of equal blocks of data symbols rotating the N number of blocks of data symbols according to a mobile station specific rotation and transmitting the rotated blocks of data symbols in a burst in the time slot.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1524/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ADJUSTABLE FIXATION SYSTEM FOR NEUROSURGICAL DEVICES

(51) International classification :A61B19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2010/053359
Filing Date :23/07/2010
(87) International Publication No :WO 2012/010933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)POLLO Claudio
3)CHARRIER Rmi
4)HAAG David

(57) Abstract :
The system comprises at least a support (5) to be attached to a patient by fixing means (4) said support having an outer thread (7) a first nut (9) with an inner thread (11) cooperating with said outer thread (7); and an anchor having a spherical bottom end (10) being placed between said support and said nut a spherical head (15) said spherical bottom end and head being linked by a shaft a second nut (16) having an inner thread (17) and intended to be screwed on an external device having a corresponding thread (31) such as a platform (20) or a surgical device (30) whereby the tightening of at least one of the nuts (9 16) on the support and/or on the external device allows to block the position of the anchor.

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

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

(21) Application No.348/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SOLAR CELL MODULE PRODUCTION METHOD

(51) International classification :H01L31/042,B29C43/10,B29C65/02
(31) Priority Document No :2010157205
(32) Priority Date :09/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065729
Filing Date :08/07/2011
(87) International Publication No :WO 2012/005367
(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)ENDO Yui

(57) Abstract :
Disclosed i s a solar cell module production method which comprises: a iirst step wherein a module laminated body, that has at least a glass member, an encapsulant, a solar cell element, and a transparent member, in that order, o n top o f a mounting board for a double-vacuum chamber style laminator, which comprises a first chamber and a second chamber partitioned b y a flexible member and the mounting board disposed inside the second chamber and which has a heating means, i s mounted such that the glass member i s on the flexible member side; a second step whereby the pressure inside the first chamber and the second chamber i s reduced; and a third step whereby the module laminated body i s thermocompressed and integrated b y the pres - sure inside the first chamber being increased t o 0.005-0.090 M s (gauge pressure -0.01 1 t o -0.096 MPa), and pressing the module laminated body t o the heated mounting board using the deflection deformed flexible member.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1483/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : REFRIGERATING FURNITURE IN PARTICULAR REFRIGERATING SHELF

(51) International classification :F25D23/00,A47F3/04
(31) Priority Document No :10 2010 035 695.6
(32) Priority Date :27/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004283
Filing Date :26/08/2011
(87) International Publication No :WO 2012/025240
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The invention relates to a refrigerating furniture particularly a refrigerating shelf (KR1) for cooling and displaying products to be refrigerated in a cooling chamber (KR1M) comprising an access region via which the products to be refrigerated are accessible and a refrigerating device (KR1KE) which comprises a condenser (VF) and a compressor (KOM). According to the invention it is provided that the condenser (VF) is arranged at least partially within the refrigerating shelf (KR1) and in the upper region (HR1) thereof and that the compressor (KOM) is arranged within the refrigerating shelf (KR1) in the lower region (VR) thereof. As a result interfering noise emissions are reduced and simultaneously the packaging of the refrigerating furniture at the manufacturing site and the transport to the site of use are simplified.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1536/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

(51) International classification :B32B5/26,B32B27/12,B32B27/34
(31) Priority Document No :61/408166
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057953
Filing Date :27/10/2011
(87) International Publication No :WO 2012/058352
(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)YUAN Shengmei

(57) Abstract :
The present invention relates to the field of composite structures overmolded composites structures and processes for their preparation particularly it relates to the field of polyamide composite structures. The disclosed composite structures have a surface which surface has at least a portion made of a surface polyamide resin composition and comprise a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition wherein the matrix polyamide resin composition and the surface resin composition is selected from polyamide compositions comprising a blend of (A) one or more fully aliphatic polyamides selected from group (I) polyamides and (B) one or more semiaromatic polyamides selected from group (II) polyamides having a melting point of at least 280°C.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1537/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM FOR X RAY IRRADIATION OF TARGET VOLUME

(51) International classification :G21K1/06
(31) Priority Document No :61/375056
(32) Priority Date :19/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000675
Filing Date :18/08/2011
(87) International Publication No :WO 2012/023141
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BAR DAVID Aharon
3)HAREL Zeev

(57) Abstract :
An X ray system is arranged for providing X ray exposure to a target volume. The aforesaid X ray system comprises an X ray source and at least one focusing lens. The provided exposure is distributed over a volume of the target in a substantially uniform manner.

No. of Pages : 28 No. of Claims : 23

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

(21) Application No.341/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLUORESCENT FIBRES AND THEIR USE

(51) International classification :A41D13/01,D01F1/04,D01F2/00
(31) Priority Document No :A 1256/2010
(32) Priority Date :27/07/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/000297
Filing Date :11/07/2011
(87) International Publication No :WO 2012/012813
(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)M„NNER Johann

(57) Abstract :
The present invention relates to a cellulosic regenerated fibre which contains an incorporated luminous pigment and an incorporated colour pigment and the use of these for the production of yarns textile fabrics and an article of reflective clothing and a process for the production of these fibres. This fibre satisfies the demands of Standard EN 471 Standard EN 1150 Standard CAN/CSA Standard ANSI/ISEA and Standard BS 471 with regard to light density the colour space and fastness values.

No. of Pages : 13 No. of Claims : 16

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

(21) Application No.351/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MODULAR LONG HANDLED TOOL COMPONENT SYSTEM

(51) International classification :B25G3/24
(31) Priority Document No :12/802727
(32) Priority Date :11/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/000853
Filing Date :13/05/2011
(87) International Publication No :WO 2011/155970
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FALLEN Charles
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(57) Abstract :
An industrial long handled tool component system is provided having interchangeable tool heads connectors handles and grips. The novel connector system provides a polygonal locking bar concentric with a round outer reinforcing collar both engaged by a material connector insert and separated by plastic isolations seals. The novel connector promotes connection integrity and prevents joint movement. An alternate embodiment provides a connector system without the collar to save weight and manufacturing cost.

No. of Pages : 36 No. of Claims : 27

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

(21) Application No.10882/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLUID VALVE

(51) International classification :F16K1/226,F16K27/02,F02D9/10
(31) Priority Document No :1002781
(32) Priority Date :30/06/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051489
Filing Date :27/06/2011
(87) International Publication No :WO 2012/001286
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HODEBOURG Grgory

(57) Abstract :
The invention relates to a fluid valve comprising: a body (50) defining a fluid flow duct (60) and a flap (1) that can move between a closed position preventing the fluid from flowing through the duct and an open position allowing the fluid to flow through the duct. According to the invention the valve also comprises a joint (2) having at least one opening for the passage of the fluid and the aforementioned flap can close the opening(s) (5) in the joint when in the closed position.

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

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

(21) Application No.10887/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SINGLE BREW BEVERAGE CARTRIDGE SYSTEM INCLUDING SAME AND METHOD OF USE

(51) International classification :F01C
(31) Priority Document No :61/353,263
(32) Priority Date :10/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038917
Filing Date :02/06/2011
(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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(72)**Name of Inventor :**
1)BEER Jeffrey Scott

(57) Abstract :
Disclosed is a single brew beverage cartridge (20) for use in a brewing apparatus (10). The cartridge (20) includes a lid (22) and a cup shaped filter (24) suspended below the lid (22) and in which a beverage brewing ingredient (26) is held. The lid (22) includes an annular collar (28) to prevent the lid from deforming when a needle (16) of the brewing apparatus pierces it during the brewing process. Preferably the cartridge (20) is formed of materials so that it is compostable and biodegradable.

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

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

(21) Application No.10888/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FILLING CONNECTOR CORRESPONDING CONTAINER AND CORRESPONDING FILLING METHOD

(51) International classification :B67C
(31) Priority Document No :1055605
(32) Priority Date :09/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/050006
Filing Date :04/01/2011
(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)LAIR LIQUIDE SOCIETE ANONYME POUR LETUDE ET LEXPLOITATION DES PROCEDES GEORGES CLAUDE
Address of Applicant :75 Quai dOrsay 75007 Paris France
(72)**Name of Inventor :**
1)FRENAL Antoine
2)MANSCOURT Cyril
3)PISOT Philippe

(57) Abstract :
Filling connector comprising an isolation valve element (7) able to move relative to a seat (8) between un upstream closed position and a downstream open position said isolation valve element (7) being urged into its upstream position by a return member (9) the connector (1) further comprising a dust valve element (10) positioned upstream of the isolation valve element (7) said dust valve element (10) comprising a downstream end (101) and being able to move relative to the body (2) between an upstream closed position and a downstream open position said dust valve element (10) being urged into its upstream position by a return member (14) characterized in that the dust valve element (10) is able to be moved selectively downstream either into a determined first downstream position that opens the upstream end (3) in which position the downstream end (101) of the dust valve element (10)...

No. of Pages : 21 No. of Claims : 15

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

(21) Application No.10889/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NANO MIXED METAL OXIDE THIN FILM PHOTOCATALYST CONSISTING OF TITANIUM INDIUM AND TIN

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2010/052853
Filing Date :23/06/2010
(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 :**
1)HCL TECHNOLOGIES LIMITED
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(72)**Name of Inventor :**
1)SUBRAHMANYAM Aryasomayajula
2)RAMESH Paul J Thangaraj

(57) Abstract :
The present invention relates to a novel photocatalyst comprising Nano mixed metal oxides of titanium Indium and tin as a thin film with nano sized grains method of its preparation and applications. The photocatalyst disclosed herein can be used in oxygenation of human/ mammalian blood along with all other applications of photocatalysts. A photocatalytic oxygenator for the oxygenation derives oxygen from the water content of mammalian blood. The photocatalyst disclosed herein can also be used for effluent treatments along with all other applications associated with photocatalysts.

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

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

(21) Application No.356/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD TO CONTROL THE LINE DISTORTION OF A SYSTEM OF POWER SUPPLIES OF ELECTROSTATIC PRECIPITATORS

(51) International classification :B03C3/68,B03C3/02
(31) Priority Document No :10166579.2
(32) Priority Date :18/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060136
Filing Date :17/06/2011
(87) International Publication No :WO 2011/157831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)RANSTAD Per
2)LINNER Jrgen

(57) Abstract :
The disclosure relates to an electrostatic precipitator unit with at least two individual power supplies (11) for pulsed operation of electrostatic precipitators wherein the power supplies (11) are powered by a common feeding (1) wherein each power supply (11) comprises a control unit (23) and wherein the control units are at least indirectly connected by communication lines (32) allowing for a controlled relative scheduling of the pulsed operation of the individual power supplies (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1450/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : STRATIFICATION OF CANCER PATIENTS FOR SUSCEPTIBILITY TO THERAPY WITH PTK2 INHIBITORS

(51) International classification :G01N33/574
(31) Priority Document No :10180981.2
(32) Priority Date :28/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066636
Filing Date :26/09/2011
(87) International Publication No :WO 2012/041796
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
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(72)**Name of Inventor :**
1)ADOLF G¼nther
2)GARIN CHESA Pilar
3)HIRT Ulrich

(57) Abstract :
The present invention relates to a method for determining whether a cancer patient is susceptible to treatment with a protein tyrosine kinase 2 (PTK2) inhibitor comprising detecting the expression of the E cadherin protein in a cancer sample of said cancer patient wherein an E cadherin protein immunoreactivity score (IRS) of 0 2 indicates that the cancer patient is susceptible to treatment with a PTK2 inhibitor. Said detection of the expression of the E cadherin protein in a cancer sample of a cancer patient is preferably conducted by way of an immunohistochemistry (IHC) method. Said IHC method preferably employs a primary antibody which is specific for E cadherin and a secondary antibody which specifically reacts with the primary antibody. The present invention also relates to a method of treating a cancer patient whose cancer is characterized by an E cadherin protein immunoreactivity score (IRS) of 0 2 comprising administering to the patient a therapeutically effective amount of a PTK2 inhibitor. In a further aspect the present invention relates to a PTK2 inhibitor for use in the treatment of a cancer patient whose cancer is characterized by an E cadherin protein immunoreactivity score (IRS) of 0 2. The present invention also provides a method of screening for a therapeutically effective PTK2 inhibitor comprising the steps of (a) providing cancer cells or a cancer cell line which are characterized by an E cadherin protein immunoreactivity score of 2 1 or 0 (1 being preferred and 0 being even more preferred); (b) contacting the cancer cell or the cancer cell line of (a) with a PTK2 inhibitor; and (c) evaluating whether the PTK2 inhibitor negatively affects the cancer cell/cancer cell lines. In a further aspect the present invention relates to a method for stratifying cancer patients that are susceptible to treatment with a PTK2 inhibitor comprising determining the E cadherin IRS score in a cancer sample of said patient wherein an E cadherin protein immunoreactivity score (IRS) of 0 2 (2 1 or 0) indicates that the cancer patient is susceptible to treatment with a PTK2 inhibitor. The present invention also relates to a pharmaceutical package comprising a PTK2 inhibitor and (a) instructions and/or an imprint indicating that said PTK2 inhibitor is to be used for the treatment of patients which suffer from a cancer which is characterized by an E cadherin protein immunoreactivity score of 2 1 or 0 (1 being preferred and 0 being more preferred); and/or (b) instructions and/or an imprint indicating that said patient is to be stratified by a method of the present invention; and/or (c) means to carry out a method as defined herein.

No. of Pages : 53 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1451/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MESALAZINE TABLET HAVING IMPROVED DISSOLUTION

(51) International classification :A61K9/28,A61K31/60
(31) Priority Document No :10174940.6
(32) Priority Date :01/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/065155
Filing Date :01/09/2011
(87) International Publication No :WO 2012/028698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DE FLUITER Hendrik Cornelis

(57) Abstract :
The invention provides a method for preparing a mesalazine enteric coated tablet comprising: (i) granulating a composition comprising mesalazine a pharmaceutically acceptable salt or ester thereof into mesalazine granulates; (ii) tabletting a core composition comprising the mesalazine granulates obtained in (i) to obtain a tablet core; (iii) coating the tablet core obtained in (ii) with at least an intermediate layer and an enteric coating; where the tablet core hardness is controlled to be comprised between 80 N and 105 N and the intermediate layer represents less than 2% by weight of the tablet.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013
(21) Application No.1452/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PATIENT MATCHED ACETABULAR ALIGNMENT TOOL

(51) International classification :A61F2/46,A61B17/56,A61F2/34
(31) Priority Document No :61/373993
(32) Priority Date :16/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047905
Filing Date :16/08/2011
(87) International Publication No :WO 2012/024288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GIBSON Luke Andrw
2)JASPER Lauren C.
3)FREDERICK Phillip E.

(57) Abstract :
Systems devices and methods are provided for aligning acetabular implants. A patient matched acetabular alignment tool is used to orient tools and implants intraoperatively. The patient matched acetabular alignment tool includes a mounting member and leg members which are configured based on the particular patient s anatomic landmark sites (e.g. acetabular bony landmarks). The leg members are attached to the mounting member and configured to connect with a respective anatomic landmark site to achieve a desired implant angle and axis. For example the leg members may form a tripod support base through which an acetabular shell may be inserted into the patient s acetabulum at desired angles of version and inclination. In some embodiments the leg members may be retractable and expandable with respect to the mounting member thereby providing a tool with reduced profile for inserting the device in the patient s soft tissue.

No. of Pages : 32 No. of Claims : 46

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

(21) Application No.343/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOLECULES HAVING COMBINABLE GROUPS

(51) International classification :C07D233/36,C08J3/24,C08F8/30
(31) Priority Document No :1055717
(32) Priority Date :13/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051651
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SEEBOTH Nicolas
2)IVANOV Serguey
3)COUTURIER Jean Luc
4)HIDALGO Manuel

(57) Abstract :
The present invention relates to nitrogenous associative molecules comprising at least one unit rendering them capable of associating with one another or with a filler, via noncovalent bonds, and comprising a function capable of reacting with a polymer containing unsaturations so as to form a covalent bond with said polymer.

No. of Pages : 49 No. of Claims : 8

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

(21) Application No.352/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

(51) International classification :B32B5/02,B32B27/34,C08J5/04
(31) Priority Document No :61/372237
(32) Priority Date :10/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046911
Filing Date :08/08/2011
(87) International Publication No :WO 2012/021435
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WAKEMAN Martyn Douglas
2)KIRCHNER Olaf Norbert

(57) Abstract :
The invention relates to composite structures having surface which surface has at least a portion made of a composition comprising one or more polyamides having an excess of amine end groups such that the ratio of the amine end groups to the acid end groups is at least 1.5:1.0.

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

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

(21) Application No.361/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL ARYLAMIDE DERIVATIVES HAVING ANTIANDROGENIC PROPERTIES

(51) International classification	:C07C237/20,C07C255/60,C07C317/46
(31) Priority Document No	:20105806
(32) Priority Date	:15/07/2010
(33) Name of priority country	:Finland
(86) International Application No Filing Date	:PCT/FI2011/050655 :14/07/2011
(87) International Publication No	:WO 2012/007644
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RATILAINEN Jari
2)KOISTINAHO Milla
3)MUONA Anu

(57) Abstract :
The invention relates to novel arylamide derivatives having formula (I) and stereoisomers and pharmaceutically acceptable salts thereof where R1 R11 R R z and X are as defined in the claims. The arylamide derivatives of formula (I) have antiandrogenic properties. The invention also relates to compounds of formula (I) for use as a medicament and to pharmaceutical compositions comprising them and to their preparation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10949/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A VEHICLE HAVING VARIABLE TRACK

(51) International classification :B60B35/10,B62D7/14,B62D61/08
(31) Priority Document No :10461516.6
(32) Priority Date :17/05/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/057895
Filing Date :16/05/2011
(87) International Publication No :WO 2011/144574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BUDWEIL Rafal

(57) Abstract :
A vehicle comprising a front axle with a pair of front wheels (111 112) having a track width adjustable between a wide track and a narrow track a drive rear axle with a rear wheel (121) steering means configured to control the turn of the rear wheel (121) when the front wheels (111 112) are set to the narrow track and track width control means configured to change the track width of the front wheels (111 112) and to change the wheel base between the front axle and the rear axle such that for the wide track of the front wheels (111 112) the wheel base is longer than for the narrow track of the front wheels (111 112).

No. of Pages : 50 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10950/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SILANE CROSSLINKABLE POLYMER COMPOSITION

(51) International classification :C08J3/22,C08L23/08,H01B3/44
(31) Priority Document No :10166636.0
(32) Priority Date :21/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/059675
Filing Date :10/06/2011
(87) International Publication No :WO 2011/160964
(61) Patent of Addition 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)FOSSUM Kjell
4)HJERTBERG Thomas
5)NYLANDER Perry
6)PRIETO Oscar

(57) Abstract :
The invention relates to a crosslinkable polymer composition comprising (a) a polyolefin bearing hydrolysable silane groups and a silanol condensation catalyst compound as well as to an article preferably a cable thereof. Also the use of the silanol condensation catalyst compound for crosslinking an article preferably a layer of a cable is provided.

No. of Pages : 52 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1467/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CRANKSHAFT SUPPORT STRUCTURE IN INTERNAL COMBUSTION ENGINE

(51) International classification :F16C9/02,F16C3/10,F16C3/14
(31) Priority Document No :2010175688
(32) Priority Date :04/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065880
Filing Date :12/07/2011
(87) International Publication No :WO 2012/017784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARADA Makoto

(57) Abstract :
In this crankshaft support structure in an internal combustion engine it is possible to increase the compactness of an oil pump while increasing the compactness of the internal combustion engine using a bush bearing. In the support structure of a crankshaft supported by a left/right split crank case (25) that sandwiches the crankshaft (41) and is joined from both sides in the axial direction of the crankshaft (41) whereas the two crank bearings that support both ends of the crankshaft (41) are bush bearings (111) the bearing of a large end (42A) is a roller bearing (112).

No. of Pages : 64 No. of Claims : 9

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

(21) Application No.358/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR THE OPERATION OF ELECTROSTATIC PRECIPITATORS

(51) International classification :H02M7/493
(31) Priority Document No :10166564.4
(32) Priority Date :18/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060129
Filing Date :17/06/2011
(87) International Publication No :WO 2011/157829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RANSTAD Per
2)LINNER Jrgen
3)BIELA J¼rgen
4)SOEIRO Thiago Batista

(57) Abstract :
The disclosure relates to a method for the scheduling and/or the operation of a system of at least two power supplies (11) providing DC pulses to a consumer (5) typically an electrostatic precipitator wherein the power supplies (11) are energised by a common feeding (1). According to the proposed method one power supply (11) is defined to be the reference power supply and the initial pulses of each further power supply (11) are shifted by controlled delays (d) with respect to the pulses of the reference power supply so as to fill the gaps between the pulses of the reference power supply by the pulses of the further power supplies (11).

No. of Pages : 35 No. of Claims : 15

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

(21) Application No.368/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE AND METHOD FOR ABSCESS IRRIGATION

(51) International classification :A61M27/00,A61M3/02,A61B17/50
(31) Priority Document No :61/371981
(32) Priority Date :09/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047057
Filing Date :09/08/2011
(87) International Publication No :WO 2012/021501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RUCINSKI Paul J.

(57) Abstract :
The subject invention provides novel inexpensive and highly effective methods and devices for convenient and effective irrigation of abscesses puncture wounds and similar types of deep tissue wounds. In one embodiment the subject invention provides a discharge apparatus for a reservoir housing containing irrigation solution wherein the discharge apparatus has a specifically designed nozzle for insertion into a wound opening and through which a sufficient volume of the irrigation solution can pass at an appropriate pressure.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10906/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SOLAR ABSORBER SOLAR ABSORBER DEVICE AND SOLAR COLLECTOR

(51) International classification :F24J2/48
(31) Priority Document No :102010024740.5
(32) Priority Date :23/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059434
Filing Date :08/06/2011
(87) International Publication No :WO 2011/160948
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WEIL Thomas
2)BOEDEKER Hendrik
3)CLEMENT Uwe

(57) Abstract :
The invention relates to a solar absorber (1) for absorbing solar radiation. The invention also relates to a solar absorber device (3) comprising at least one solar absorber (1) and at least one pipeline system (4) through which a solar fluid (6) can flow. Moreover the invention relates to a solar collector (10) comprising at least one solar absorber device (3) for converting radiant energy into thermal energy. It is an object of the invention to provide a solar absorber a solar absorber device and a solar collector which have improved heat removal and consequently increased efficiency but without increasing the production costs and the complexity of the production process. The solar absorber (1) is characterized in that it comprises heat conducting means for directional heat conduction in order to obtain a matching of a solar absorber temperature over the extent of the surface area of the solar absorber (1). The solar absorber device (3) is characterized in that the heat conducting means of the solar absorber (1) are formed so as to correspond to the pipeline system (4). The solar collector (10) is characterized in that a solar absorber device (3) according to the invention is provided.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10908/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ULTRASONICALLY ASSISTED EXTRUSION METHODS FOR MANUFACTURING POWDERED NUTRITIONAL PRODUCTS

(51) International classification :A23L1/29,A23L1/00,A23L1/01
(31) Priority Document No :61/354394
(32) Priority Date :14/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040272
Filing Date :14/06/2011
(87) International Publication No :WO 2011/159653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GORDON Gary M
3)TABASH Rima

(57) Abstract :
Disclosed are methods of manufacturing powdered nutritional products including powdered infant formulas and powdered adult nutritional products using extrusion. The methods include utilizing ultrasonic energy in the extruder during manufacturing. The application of ultrasonic energy to the extruder allows the fat globules present in raw materials to be effectively emulsified by hydrated protein present in the feed stream such that the resulting powdered extruded product has a low free fat level is less susceptible to oxidation and rancidity and can be reconstituted without substantial fat separation.

No. of Pages : 27 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.334/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TAPE CARTRIDGE AND TAPE PRINTER

(51) International classification :B41J15/04,B41J3/407,B41J35/28
(31) Priority Document No :2010161840
(32) Priority Date :16/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/003908
Filing Date :07/07/2011
(87) International Publication No :WO 2012/008126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SODEYAMA Hideo

(57) Abstract :
A tape cartridge 11 includes a platen roller 15 when the tape cartridge 11 is mounted on a tape printer 1 a print head 22 of the tape printer 1 contacting the platen roller 15 with a print tape T and an ink ribbon R arranged therebetween such that the print head 22 can be separated from the platen roller 15; a cartridge case 16 that houses the print tape T the ink ribbon R and the platen roller 15; and an insertion opening 17 formed in the cartridge case 16 the print head 22 being inserted into the insertion opening 17. A contact portion 10 of the platen roller 15 that is brought into contact with the print head 22 protrudes relative to a head receiver 72 of the insertion opening 17 to which the print head 22 is exposed.

No. of Pages : 20 No. of Claims : 5

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

(21) Application No.362/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITIONS CONTAINING AMINOPYRALID 2 4 DICHLOROPHENOXYACETIC ACID AND ATRAZINE

(51) International classification	:A01N39/04,A01N43/40,A01N43/70
(31) Priority Document No	:61/364099
(32) Priority Date	:14/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/043790 :13/07/2011
(87) International Publication No	:WO 2012/009395
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)RODRIGUEZ CONTRERAS Sergio
2)ROJAS CALVO Carlos
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(57) Abstract :
An herbicidal composition containing (a) aminopyralid and 2 4 D and (b) atrazine provides synergistic control of selected weeds in corn sorghum sugar cane and range and pasture.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.383/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SOLVENTLESS LAMINATING ADHESIVE FOR FLEXIBLE PACKAGING LAMINATIONS AND LAMINATED STRUCTURES MADE WITH THE ADHESIVE

(51) International classification :B32B27/00
(31) Priority Document No :61/359646
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042370
Filing Date :29/06/2011
(87) International Publication No :WO 2012/006156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JOHNSON Randy A.

(57) Abstract :
Two component solventless adhesive compositions for lamination applications and laminated structures including flexible laminated packaging comprising at least two substrates including structures comprising reverse printed ink films and/or metallized films. The adhesive comprises a prepolymer having one or more oligomers with a relatively high molecular weight.

No. of Pages : 33 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1473/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VIDEO SIGNAL PROCESSING

(51) International classification :H04N7/26,H04N7/46
(31) Priority Document No :10391001.4
(32) Priority Date :17/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/064041
Filing Date :15/08/2011
(87) International Publication No :WO 2012/022719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ISMAEL MIA Abdur Rehman

(57) Abstract :
A video compression unit (1) comprising pre processing means in which the pre processing means is operatively arranged to pre process at least a portion of an incoming video signal to reduce the complexity of a given number of pixels thereof; the pre processed signal being suitable to be operated upon by an encoder means.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1474/DELNP/2013 A
(43) Publication Date : 10/10/2014

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

(51) International classification :F23K3/16
(31) Priority Document No :12/862822
(32) Priority Date :25/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048833
Filing Date :23/08/2011
(87) International Publication No :WO 2012/027388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FOSSEN Dale Van
3)LINTON Michael

(57) Abstract :
An energy and steel recovery system has a suspension column and a plurality of suspension supports operably disposed therein wherein the supports are spaced from one another along the length of thereof. The suspension column includes a mechanism for receiving tires and othe wastes with an energy value onto one of the supports and feeding the tires to an adjacent downwardly disposed support to further gassify the same under low oxygen to preclude combustion. The column is configured to provide for a number of zones including heating drying volatizing and fixed carbon formation which are collectively referred to herein as a fractionation process.

No. of Pages : 53 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1475/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VEHICLE SEAT HAVING AN ADJUSTING DEVICE

(51) International classification :B60N2/44,B60N2/10,B60N2/16
(31) Priority Document No :10 2010 033 957.1
(32) Priority Date :10/08/2010
(33) Name of priority country :Germany
(86) International Application No:PCT/EP2011/004004
Filing Date :10/08/2011
(87) International Publication No :WO 2012/019763
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHULZ Dirk
3)FINNER Holger
4)PAWLOWSKI Adrian
5)JAKOB Patrick

(57) Abstract :
The invention relates to a vehicle seat (100) comprising an adjusting device (2) for example for adjusting the height and/or tilt of a seat part structure (20) and/or of a backrest structure connected to the seat part structure (20) wherein the adjusting device (2) is fastened to the seat part structure.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1528/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A CATHETER HOLE HAVING A FLOW BREAKING FEATURE

(51) International classification :A61M25/00
(31) Priority Document No :12/853804
(32) Priority Date :10/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046311
Filing Date :02/08/2011
(87) International Publication No :WO 2012/021336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OBRYAN Jeff
3)ADAMS Chad M.

(57) Abstract :
A peripheral catheter (100) having a catheter tip diffuser (320) for reducing an exit velocity of an infusant within the catheter. Pluralities of diffusion side holes are provided on the tip portion of the catheter. Some examples further include pluralities of annularly arranged staggered diffusion holes provided on the tip portion of an intravenous catheter to streamline infusant issued from the diffusion holes. An inner surface of each diffusion hole is further angled relative to the inner surface of the catheter lumen such that an infusant within the lumen exits the catheter though the diffusion holes at an angle less than 90°.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1529/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LONGITUDINAL ADJUSTING DEVICE FOR A VEHICLE SEAT COMPRISING A SEPARABLE UPPER AND LOWER RAIL

(51) International classification :B60N2/015,B60N2/07,B60N2/08
(31) Priority Document No :10 2010 035 157.1
(32) Priority Date :23/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/064490
Filing Date :23/08/2011
(87) International Publication No :WO 2012/025539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a longitudinal adjusting device for a vehicle seat comprising a lower rail (2) and an upper rail (3) wherein the upper rail (3) is arranged longitudinally displaceably in the lower rail (2). According to the invention the upper rail (3) is engaged with the lower rail (2) wherein a retaining and guiding element (15) is designed integrally formed or arranged on an upper edge (14) of the lower rail (2) said element holding the upper rail (3) on the lower rail (2) in the operating position and wherein at least two locking elements (9) are arranged on and/or integrated in the upper rail (3) and after same are unlocked the upper rail (3) and a vehicle seat attached thereto in a predefined position can be separated from the lower rail (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.390/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CELLULOSE ESTER AND CELLULOSE ESTERS/ELASTOMER COMPOSITIONS AND PROCESSES FOR MAKING

(51) International classification :C08L1/10
(31) Priority Document No :61/359582
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042266
Filing Date :29/06/2011
(87) International Publication No :WO 2012/006133
(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)WOOD Matthew Davie
4)DAGENHART Chris Stanley
5)DE WIT Jos Simon
6)TESTA Carlo Antony
7)SHELBY Marcus David

(57) Abstract :
A cellulose ester composition is provided comprising at least one cellulose ester and at least one additive selected from the group consisting of a compatibilizer and a plasticizer. Processes for producing the cellulose ester composition are also provided. In another embodiment a cellulose ester/elastomer composition is provided comprising at least one elastomer at least one cellulose ester; and at least one additive; wherein the additive is at least one selected from the group consisting of a compatibilizer and a plasticizer. Processes for producing the cellulose ester/elastomer composition is also provided as well as articles comprising the cellulose ester/elastomer composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1489/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OIL CONTAINER

(51) International classification :F15B1/26
(31) Priority Document No :10 2010 035 054.0
(32) Priority Date :21/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004132
Filing Date :17/08/2011
(87) International Publication No :WO 2012/031670
(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)KBER Clemens
4)PFENNIG Julian

(57) Abstract :
The invention relates to an oil container which has a substantially cylindrical housing in which at least one conducting element is accommodated by means of which an at least rudimentarily spiral flow channel for degasing oil is formed. The flow channel extends from an inlet connection arranged approximately centrally on a base of the housing to an outlet connection arranged eccentrically on the base. According to the invention the housing and the conducting element are made of metal. The invention further relates to a hydraulic system comprising such an oil container and a return filter arranged upstream of the inlet connection wherein said return filter is preferably an in line filter.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1542/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RECEPTION DEVICE RECEPTION METHOD TRANSMISSION DEVICE TRANSMISSION METHOD PROGRAM AND BROADCAST SYSTEM

(51) International classification :G06F13/00,G06F12/00,H04N7/173
(31) Priority Document No :61/378239
(32) Priority Date :30/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/068835
Filing Date :22/08/2011
(87) International Publication No :WO 2012/029566
(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)YAMAGISHI Yasuaki

(57) Abstract :
The present invention pertains to a reception device reception method transmission device transmission method program and broadcast system whereby files to be acquired can be acquired using the same namespace regardless of the locations from which the files are acquired. In accordance with a predetermined sequence an application control unit (90) identifies which of a plurality of storage media for storing files to be acquired by a reception device are locations from which files must be acquired. An application engine (91) acquires files on the basis of a single set of file acquisition information that is shared by each of the plurality of storage media and is used to obtain the files from the storage media and runs the acquired file. The present invention can be used in devices such as a reception device which receives audio visual content and displays data broadcast content in conjunction with the progression of the audio visual content.

No. of Pages : 129 No. of Claims : 20

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

(21) Application No.345/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SPD FILMS AND LIGHT VALVE LAMINATES WITH IMPROVED DURABILTIY

(51) International classification :G02F1/17
(31) Priority Document No :61/363934
(32) Priority Date :13/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043797
Filing Date :13/07/2011
(87) International Publication No :WO 2012/009399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SLOVAK Steven M.
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4)CHEN Xiao Ping

(57) Abstract :
A moisture resistant suspended particle device film comprising a cured suspended particle device emulsion having a plurality of uncrosslinked droplets of a liquid light valve suspension distributed throughout the cured emulsion; first and second glass or plastic sheets located outwardly from and sandwiching the cured emulsion wherein located on an inner aspect of each sheet adjacent the cured emulsion is a thin transparent electrically conductive coating the coating serving as an electrode to permit passage of an applied electric field through the cured emulsion; and a moisture resistant barrier located around an entire outer peripheral edge portion of the film wherein the barrier is comprised of a barrier material that eliminates or at least reduces passage of moisture from outside the film into the cured emulsion thus preventing development of a light frame pattern in the film that would otherwise be caused by the moisture. The disclosure also discloses forming a laminate comprising the above described film as well as methods of forming such films and laminates.

No. of Pages : 23 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.393/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF ISOTHIOCYANATES AND DERIVATIVES THEREOF AND USES OF SAME

(51) International classification	:C07C315/02,C07C317/28,C07C319/14
(31) Priority Document No	:2010/0456
(32) Priority Date	:23/07/2010
(33) Name of priority country	:Belgium
(86) International Application No Filing Date	:PCT/EP2011/062477 :20/07/2011
(87) International Publication No	:WO 2012/010644
(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)MARCHAL Alfred
3)LACROIX Damien
4)CABOU Jr´me

(57) Abstract :
Process for the synthesis of an isothiocyanate of gªnerai formula (I) SCN-R 1-R4-R 2 in which R iand R 2 represent, independently of one another, an alkyl, aryl or alkylaryl group, R reprsente a carbonyl, sulphinyl or sulphonyl group or a sulphide and derivatives thereof comprising a step of reacting an alkylalkylamine having the gªnerai formula (P) NH2-Rr R -R 2 in which R i and R 2 represent, independently of one another, an alkyl, aryl or alkylaryl group, R reprsente a carbonyl, sulphinyl, o sulphonyl or sulphide group, in the prsence of carbon sulphide and of di-ieri-butyl dicarbonate with formation of the aforesaid corresponding isothiocyanate, compounds obtained by this process and also uses thereof.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.326/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TEST BENCH AND METHOD FOR TESTING FLUID PUMPS AND FLUID INJECTORS

(51) International classification :F02M65/00
(31) Priority Document No :10 2010 031 481.1
(32) Priority Date :16/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059277
Filing Date :06/06/2011
(87) International Publication No :WO 2012/007229
(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)STRACK Daniel
4)BLANK Kurt

(57) Abstract :
A test bench (2) for testing a fluid injection pump (8) and/or a fluid injector (10) has an apparatus for conditioning a test fluid which is used for testing. The apparatus has a tank (4) which is configured for receiving and storing the test fluid, a first fluid removal line (6) which is configured for removing test fluid from the tank (4) and feeding it to the fluid injection pump (8), and a cooling circuit (12) for cooling the test fluid which is stored in the tank (4). The cooling circuit (12) has a second fluid removal line (14) and a return line (1 8). The fluid removal line (14) is configured for removing test fluid from the tank (4) and is connected to a heat exchanger (16) which is configured for cooling the test fluid which is removed from the tank (4). The return line (1 8) is connected to the heat exchanger (1 6) and is configured to guide the test fluid out of the heat exchanger (16) back into the tank (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.335/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH POWER OPTICAL ELEMENT STREET LAMP USING THERMOCOUPLE

(51) International classification :F21S9/02,F21V29/00
(31) Priority Document No :1020100056175
(32) Priority Date :14/06/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/004326
Filing Date :14/06/2011
(87) International Publication No :WO 2011/159076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YOON Dong Han

(57) Abstract :
Disclosed is a high power optical element streetlamp using a thermocouple which 5 greatly reduces power consumption taken to turn the streetlamp on and minimizes power expenditure. The high power optical element streetlamp includes a body unit fixed to the ground surface and extended upward, a lamp head unit formed at a position separated in the forward direction from the upper end of the body unit and facing the ground surface, and a power supply unit fixed to the body unit and 10 applying energy necessary to drive the lamp head unit to supply power to the lamp head unit and to control operation of the lamp head unit. The lamp head unit includes a circuit board connected to the power supply unit, operated by power supplied from the power supply unit and formed of a metal having excellent thermal conductivity, at least one optical element installed on the lower surface of the circuit 15 board, a molding cover located below the at least one optical element, connected to the lamp head unit and protecting and supporting the at least one optical element, and a heat dissipation plate installed on the upper end of the circuit board and including a plurality of heat dissipation fins to dissipate heat generated and transmitted from the at least one optical element and the circuit board. The 20 thermocouple arranged in the shape of a checkerboard on the surfaces of the heat dissipation fins, converting dissipated heat into thermoelectromotive force, and forming junctions where two kinds of metals having different thermal conductivities intersect to generate thermoelectric current is formed on the heat dissipation plate.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.395/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM & METHOD OF INJECTING COMBUSTIBLE GAS IN LIQUID FORM INTO A DIESEL ENGINE

(51) International classification :F02B1/12,F02D19/08,F02M37/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/AU2010/000784
Filing Date :23/06/2010
(87) International Publication No :WO 2010/148442
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HORLEY Anthony James

(57) Abstract :
The present invention discloses a method of introducing fuel into a diesel engine for combustion within the engine. A combustible gas in liquid form is injected into the engine for combustion therein with diesel fuel so as to maintain a combustible gas concentration derived from the liquid in the range of 0.2% 0.6% of air intake by volume of combustible gas. Suitable gases include LPO or liquid petroleum gas natural gas hydrogen ethane methane propane butane hexane heptane pentane acetylene carbon monoxide ammonia or other combustible gas or a combination of two or more thereof.

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

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

(21) Application No.354/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NETWORK BASED LOCATION OF MOBILE TRANSMITTERS

(51) International classification :G01S1/24
(31) Priority Document No :12/842861
(32) Priority Date :23/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044719
Filing Date :20/07/2011
(87) International Publication No :WO 2012/012561
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ISSAKOV Simon
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3)ANDERSON Robert J.

(57) Abstract :
In an overlay network based wireless location system LMUs typically co located with BTSs are used to collect radio signaling both in the forward and reverse channels for use in TDOA and/or AOA positioning methods. Information broadcast from the radio network and by global satellite navigation system constellations can be received by the LMU and used to reduce the difficulty of initial system configuration and reconfiguration due to radio network changes.

No. of Pages : 43 No. of Claims : 54

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

(21) Application No.364/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PREPARING POLYURETHANE PREPOLYMERS CONTAINING ISOCYANATE GROUPS

(51) International classification :C08G18/10,C08G18/08
(31) Priority Document No :10 2010 027 052.0
(32) Priority Date :13/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061739
Filing Date :11/07/2011
(87) International Publication No :WO 2012/007419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMIDT Manfred
3)VIELER Robert
4)TRACHT Ursula
5)WEUTA Peter
6)BUCHHOLZ Sigurd

(57) Abstract :
The present invention relates to the technical field of isocyanates. The present 5 invention provides a method for preparing NCO prepolymers by reacting a stoichiometric excess of an organic isocyanate with an isocyanate-reactive component, the reaction components being mixed together and the mixture being introduced directly into a storage or transport vessel, where it reacts to completion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.385/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM OF AN ULTRASONIC FLOW METER TRANSDUCER ASSEMBLY

(51) International classification :G01F1/66,G01F15/14,G01F15/00
(31) Priority Document No :12/825769
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/039238
Filing Date :06/06/2011
(87) International Publication No :WO 2012/005848
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)STRAUB Jr. Henry C.
2)GREWAL Randeep

(57) Abstract :
Ultrasonic flow meter transducer assembly. At least one some of the illustrative embodiment are systems including: a spool piece that defines an exterior surface a central passage and a transducer port extending from the exterior surface to the central passage; and a transducer assembly coupled to the transducer port. The transducer assembly includes: a transition element coupled to the spool piece the transition element having a first end disposed within the transducer port and a second end residing outside the exterior surface; a piezoelectric module with a piezoelectric element the piezoelectric module directly coupled to the first end of the transition element and the piezoelectric module disposed within the exterior surface; a transformer module with a transformer disposed therein the transformer module directly coupled to the second end of the transition element and the transformer module disposed outside the exterior surface; and an electrical conductor disposed within a passage through the transition element the electrical conductor couples the transformer to the piezoelectric element.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.397/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : (R) SELECTIVE AMINATION

(51) International classification :C12P13/00,C12N9/10,C12N1/14
(31) Priority Document No :10169573.2
(32) Priority Date :14/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/062056
Filing Date :14/07/2011
(87) International Publication No :WO 2012/007548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PEETERS Wijnand Peter Helena
3)SMEETS Natascha Hubertina Johannes
4)SCHWAB Helmut
5)STEINER Kerstin
6)LYPETSKA Kateryna Mykolayivna
7)STROHMEIER Gernot

(57) Abstract :
The present invention re lates to a method for the enzymatic syn NH- thesis of enantiomerically enriched (R)- amines of general formula ,from the corresponding ketones of general formula , by using novel transaminases. These novel transaminases are selected from two different groups: either from a R2 group of some 20 proteins with sequences as specified herein, or from a group of proteins having transaminase activity and isolated from a microorganism selected from the group of organisms consisting of Rahnella aquatilis, Ochrobactrum anthropi, Ochrobactrum tritici, Sinorhizobi- O um morelense, Curtobacterium pusilllum, [1 Paecilomyces lilacinus, Microbacterium][a] ginsengisoli, Microbacterium trichothecenolyticum, Pseudomonas citronellolis, Yersinia kristensenii, Achromobacter 00 spanius, Achromobacter insolitus, My cobacterium fortuitum, Mycobacterium frederiksbergense, Mycobacterium o sacrum, Mycobacterium fluoranthenivorans, Burkholderia sp., Burkholderia tropica, Cosmospora episphaeria, and Fusarium oxysporum.

No. of Pages : 97 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1484/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS FOR PLATING CYLINDER

(51) International classification :C25D17/06,C25D7/00,C25D7/04
(31) Priority Document No :2010223986
(32) Priority Date :01/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071960
Filing Date :27/09/2011
(87) International Publication No :WO 2012/043513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHIGETA Tatsuo

(57) Abstract :
Provided is an apparatus for plating a cylinder wherein service life of the whole apparatus can be improved with a technology of plating a cylinder hardness nonuniformity of the plating layer on the cylinder surface can be eliminated by making the hardness uniform and oxidation of the tip of a chuck means can be suppressed. The apparatus for plating a cylinder is provided with: a plating tank filled with a plating solution; a chuck means which stores a long cylinder in the plating tank by rotatably and conductively holding both the cylinder ends in the longitudinal direction; and a pair of insoluble electrodes which faces each other is vertically installed to face both the side surfaces of the cylinder in the plating tank and which has a predetermined current carried thereto. A thermal cooling means is provided in the chuck means and the cylinder holding section of the chuck means is cooled by making the thermal cooling means have a cooling medium and circulating the cooling medium and heat accumulation in the cylinder especially at the cylinder end portions and at the cylinder holding section of the chuck means can be eliminated.

No. of Pages : 42 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1485/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR OPERATING AN INJECTION SYSTEM

(51) International classification :F02M47/02,F02M63/00,F02M53/04
(31) Priority Document No :10 2010 040 715.1
(32) Priority Date :14/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/063231
Filing Date :01/08/2011
(87) International Publication No :WO 2012/034773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GORDON Uwe
3)KUEHNER Robert
4)REINSTAEDTLER Michael
5)BROECKER Karin
6)DOMHAN Michael

(57) Abstract :
The invention relates to a method for operating an injection system (103) for an internal combustion engine (101) in which in an operating situation in which no fuel demand exists from the internal combustion engine (101) a valve (41 61 105) is actuated during at least one time interval in such a manner that no injection of fuel takes place wherein a valve element is moved relative to at least one valve body (43) by the actuation of the valve (41 61 105).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1538/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR THE SELECTIVE META CHLORINATION OF ALKYLANILINES

(51) International classification :C07C209/74,C07C211/52,C07C211/64
(31) Priority Document No :10173496.0
(32) Priority Date :20/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/004099
Filing Date :16/08/2011
(87) International Publication No :WO 2012/022460
(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)FURRER Martina
4)LADNAK Viktor
5)MLLER Constanze
6)SCHMID Leo
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(57) Abstract :
A process for the chlorination of alkylanilines is provided allowing a highly selective chlorination in the meta position of the aromatic ring. This is achieved by reacting a mixture comprising the alkylaniline and sulfuric acid with chlorine. This process allows a meta chlorination with a selectivity of more than 90%.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1539/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITIONS COMPRISING PAULOWNIN AND/OR PAULOWNIA EXTRACTS AND USES THEREOF

(51) International classification :A61K8/97
(31) Priority Document No :12/859322
(32) Priority Date :19/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048076
Filing Date :17/08/2011
(87) International Publication No :WO 2012/024394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOY Chong Jin
3)MAHMOOD Khalid
4)SALIOU Claude
5)SOUTHALL Michael

(57) Abstract :
Provided are compositions comprising botanical extracts from certain species of the genus methods of lightening the skin therewith and other uses thereof. Also provided are compositions comprising the compound paulownin methods of lightening the skin therewith and other uses thereof.

No. of Pages : 68 No. of Claims : 22

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

(21) Application No.342/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : X RAY IMAGING AT LOW CONTRAST AGENT CONCENTRATIONS AND/OR LOW DOSE RADIATION

(51) International classification :A61h
(31) Priority Document No :20101001
(32) Priority Date :12/07/2010
(33) Name of priority country :Norway
(86) International Application No :PCT/EP2011/061843
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007456
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KAISER Clemens
2)NEWTON Ben

(57) Abstract :
The present invention relates to X ray examinations and to the improvement of patient safety during such. More specifically the invention relates to X ray diagnostic compositions having ultra low concentrations of iodine. The invention further relates to methods of X ray examinations wherein a body is administered with an X ray diagnostic composition and irradiated with a reduced radiation dose.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.404/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING A METHYLENE DISULFONATE COMPOUND

(51) International classification :C07D327/00
(31) Priority Document No :2010187903
(32) Priority Date :25/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067072
Filing Date :27/07/2011
(87) International Publication No :WO 2012/026266
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUJIWARA Takeshi
3)SHIRAISHI Hiroyuki
4)HIYAMA Takehiro

(57) Abstract :
Disclosed i s a method for producing a metnyiene disulfonate compound b y reacting, in the presence 0 1 an acid and a dehydrating agent, a formaldehyde compound and at least one type o f alkane disulfonic acid salt selected fixim a group consist ing of: an alkane disulfonic acid alkali metal salt represented b y a specific formula; and an alkane disulfonic acid alkaline earth metal salt. B y means o f the disclosed production method, the methylene disulfonate compound can b e produced easily and eco nomically.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1449/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR SENDING CHANNEL INFORMATION AND TERMINAL BASE STATION AND LTE A SYSTEM THEREFOR

(51) International classification :H04L1/16
(31) Priority Document No :201010259081.9
(32) Priority Date :16/08/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/077191
Filing Date :15/07/2011
(87) International Publication No :WO 2012/022208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LI Yu Ngok
3)XU Jun
4)LI Shupeng
5)ZHANG Junfeng

(57) Abstract :
Disclosed in the present invention are a method for sending channel information and a terminal a base station and an LTE A system therefor. The method comprises: acquiring by a mobile terminal channel information; determining an RI and a PMI corresponding to the channel information in a codebook space according to the channel information; and sending the RI and the PMI to a base station. By way of the present invention the effects of improving the throughput of an LTE A system and the frequency spectrum efficiency thereof are achieved.

No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1506/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL CONNECTOR WITH AN OUTER HOUSING AN INNER HOUSING AND AN INDICATOR SLEEVE

(51) International classification :H01R13/506
(31) Priority Document No :10007966.4
(32) Priority Date :30/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/062120
Filing Date :15/07/2011
(87) International Publication No :WO 2012/013518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AMERIO Fulvio
3)ECKEL Markus

(57) Abstract :
The invention relates to an electrical connector (1) with an inner housing (2) an outer housing (3) and a locking arrangement (L). In order to provide a control mechanism for a correct insertion of the inner housing (2) into the outer housing (3) the invention provides that the electrical connector (1) has an indicator sleeve (18) whose insertion into the outer housing (3) is blocked by the locking arrangement (L) if the inner housing (2) is incompletely inserted into the outer housing (3).

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1507/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MATERIALS AND METHODS FOR IMPROVING GASTROINTESTINAL FUNCTION

(51) International classification :A61K31/198,A61K31/195,A61P1/04
(31) Priority Document No :61/386317
(32) Priority Date :24/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053265
Filing Date :26/09/2011
(87) International Publication No :WO 2012/040707
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OKUNIEFF Paul
3)ZHANG Lurong

(57) Abstract :
The subject invention provides therapeutic compositions and uses thereof for the treatment or amelioration of injury to small intestine mucosa. In preferred embodiments the composition comprises one or more nutrients and/or electrolytes that acquire or retain considerable absorptive capacity.

No. of Pages : 90 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.327/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TEST BENCH FOR FLUID PUMPS AND FLUID INJECTORS

(51) International classification :F02M65/00
(31) Priority Document No :10 2010 031 486.2
(32) Priority Date :16/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059266
Filing Date :06/06/2011
(87) International Publication No :WO 2012/007227
(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)BLANK Kurt

(57) Abstract :
A test bench (I) for testing a fluid pump (4) and/or a fluid injector (8) has a fluidpump receiving apparatus (2) for receiving a fluid pump (4); a fluid-injector receiving apparatus (6) for receiving a fluid injector (8); a fluid line (5) which connects the fluid-pump receiving apparatus (2) to the fluid-injector receiving apparatus (6) hydraulically and makes a fluid flow possible during operation from the fluid pump (4) to the fluid injector (8); a closed cooling circuit (9), through which a coolant circulates during operation; and a first heat exchanger (10) which is configured and arranged in the fluid line (5) in such a way that the fluid stream and the coolant stream flow through it during operation in such a way that a heat I transfer is possible between the fluid stream and the coolant stream.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.384/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SHOWER STERILISATION SYSTEM AND METHOD OF USE THEREOF

(51) International classification :E03C1/046,A01N43/80
(31) Priority Document No :1010808.2
(32) Priority Date :28/06/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051214
Filing Date :27/06/2011
(87) International Publication No :WO 2012/001400
(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 shower sterilisation system is provided. The system comprises shower apparatus including water supply means (2) a shower head (6) and shower conduit means (4) connecting the shower head to the water supply means. An applicator device (16) is located between the water supply means and the shower head for receiving a sterilisation or biocidal composition in use and allowing said sterilisation or biocidal composition to be delivered to one or more parts of said shower apparatus.

No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.407/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CURVED BELT CONVEYOR

(51) International classification :B65G15/02
(31) Priority Document No :10 2011 100 043.0
(32) Priority Date :29/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001829
Filing Date :27/04/2012
(87) International Publication No :WO 2012/146388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
According to the invention, the curved belt conveyor (2) has at least one continuous belt (4) which runs along a curve, is guided over two deflection rollers (8), and has a bulge-type enlargement (24) at the outer rim of the curve, said bulge-type enlargement (24) extending continuously along an edge of the continuous belt. 5 Means (26) for supporting the continuous belt in the direction of the outer rim of the curve are arranged exclusively within the continuous belt, said supporting means contacting the bulge-type enlargement (24) in the area of faces (26) of the deflection rollers (8) facing the outer rim of the curve.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1465/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL STORAGE DEVICE AND CONSTRUCTION MACHINE PROVIDED WITH SAME

(51) International classification :H01G9/155,E02F9/00,H01G2/04
(31) Priority Document No :2011074869
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057042
Filing Date :19/03/2012
(87) International Publication No :WO 2012/133000
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SOUDA Akihiko

(57) Abstract :
An electrical storage device is provided with capacitor cells as a plurality of electrical storage cells and a housing (122) in which the capacitor cells are accommodated. The housing (122) has a verification window (40) from which internally disposed LEDs (137 138) serving as status display means can be seen. The verification window (40) is provided with through holes (41) which penetrate through the housing (122) a transparent plastic plate (43) which seals the through holes (41) from the inside of the housing (122) and a seal member (42) which is interposed between the plastic plate (43) and the surroundings of the through holes (41) on the inner surface of the housing (122).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.388/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SULFORAPHANE STABILIZATION

(51) International classification :A61K9/107,A61K47/14
(31) Priority Document No :2010/0462
(32) Priority Date :23/07/2010
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP2011/062329
Filing Date :19/07/2011
(87) International Publication No :WO 2012/010587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARCHAL Alfred
3)LACROIX Damien
4)CABOU Jr´me

(57) Abstract :
A stable galenic composition of. a compound of general formula (I) wherein R1 and Rp both represent independently of each other an alkyl, aryl, arylalkyl group, optionally substituted with one or more linear or branched groups, optionally bearing one or more heteroatoms, comprising said compound of formula I in an amount ranging from 0.01 to 15% eby weight based on the total weight of the final composition, - at least one anhydrous ester, the main chain and/or optionally the branched chains of which are free from free and/or reactive groups or functions, in an amount ranging from 0.1 to 99.9% by weight based on the total weight of the cosmetically and pharmaceutically acceptable composition, and - optionally a cosmetically and pharmaceutically acceptable excipient for completing the 100% of the total weight of the composition.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.400/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRANSPARENT ELECTRODES FOR SEMICONDUCTOR THIN FILM DEVICES

(51) International classification :H01L51/00,H01L51/44,H01L51/42
(31) Priority Document No :1011118.5
(32) Priority Date :30/06/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051245
Filing Date :30/06/2011
(87) International Publication No :WO 2012/001424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HATTON Ross Andrew
2)STEC Helena Maria
3)JONES Timothy Simon

(57) Abstract :
A method of producing a transparent electrode suitable for use in an organic semiconductor photovoltaic device. First and second silanes (3) are deposited from the vapour phase on a substrate (1) and bind to the surface of the substrate. A metal film (4) is then deposited from the vapour phase and binds to both the first and second silanes so as to produce a transparent metal layer having a thickness which is no greater than about 15 nanometres. The first silane is a non amino functional silane and the second silane is an aminofunctional silane. The electrode may be flexible using a polymer substrate (1). The metal film (4) may be provided with a plurality of apertures (5) provided for example by masking the substrate with microspheres (2) while depositing the metal and subsequently removing the microspheres and / or annealing the metal so that apertures appear.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.412/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ABSORBENT CORE

(51) International classification :A61F13/15
(31) Priority Document No :61/364450
(32) Priority Date :15/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044097
Filing Date :15/07/2011
(87) International Publication No :WO 2012/009591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BRENNAN Jonathan Paul
2)CARLUCCI Giovanni
3)TAMBURRO Murizio

(57) Abstract :
Absorbent core for disposable absorbent articles for example for the absorption of menses or blood. The absorbent core comprises a substrate layer thereon a layer of absorbent polymer material and thereon a layer of adhesive. Either said a substrate layer or said cover layer or both may comprises o composite of at least a first layer and third layer of fibrous non woven webs said first layer and said third layer comprising synthetic fibers with an average fiber denier from 1 to 6 said composite further comprises a second layer comprising pulp; the layers of the composite being placed in the order first second third and bonded by intertwining the fibers between the layers e.g. by hydroentanglement. Said first and third layers of said composite may be spunbonded.

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

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

(21) Application No.346/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EMBOSSING TOOL AND EMBOSSED PRODUCT

(51) International classification :B31F1/07
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/058708
Filing Date :21/06/2010
(87) International Publication No :WO 2011/160669
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MOSLEHI Manoochehr
2)DREVIK Solgun

(57) Abstract :
An embossing tool comprises a rotary embossing roll (10) with an axis of rotation (16) in its longitudinal direction and raised embossing protrusions (18; 18a 18b) arranged on the operative surface area (12) of the embossing roll (10). The embossing roll (10) comprises a least two segments (14; 14a 14h) forming at least a part of the operative surface area (12) of the embossing roll (10). Each segment (14; 14a 14h) is provided with at least one raised embossing protrusion (18; 18a 18b) and the radial position and angular orientation of at least one segment (14; 14a 14h) is adjustable by means of at least two spaced apart independently provided adjustment devices (26).

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

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

(21) Application No.355/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL CONNECTION

(51) International classification :H01R4/18
(31) Priority Document No :10 2010 038 465.8
(32) Priority Date :27/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061093
Filing Date :01/07/2011
(87) International Publication No :WO 2012/013446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIEGL Erwin
3)GADEMANN Anselm
4)MOELLER Birgit

(57) Abstract :
The invention relates to an electrical connection having at least one plug contact element (10) and a connection wire (1) which is connected to the plug contact element (lo), wherein the connection between the at least one plug contact element (1 0) and the connection wire (1) is established by means of at least one force-fitting connection (12, 13) which is in the form, in particular, of a crimped connection. According to the invention, provision is made for the force-fitting connection (13) to additionally be provided with a cohesive connection (1 5) or a soldered connection.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.396/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A SOLUTION FOR CONTROLLING A TURBO COMPRESSOR

(51) International classification :F02C7/143,F02C9/16,F02C9/18
(31) Priority Document No :20105800
(32) Priority Date :13/07/2010
(33) Name of priority country :Finland
(86) International Application No:PCT/FI2011/050631
Filing Date :04/07/2011
(87) International Publication No :WO 2012/007638
(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)ERIKSSON Kenneth
4)TANTTARI Juha

(57) Abstract :
The present invention relates to an actuator (10) comprising at least one stage of turbo compressor (1a 1b) with an outlet for conveying gas compressed in said at least one stage of turbo compressor (1a 1b) to at least one cooler (3a 3b) and a shaft for rotating said at least one stage of turbo compressor (1a 1b) for increasing the pressure of the gas to be supplied to the actuator (10). The actuator (10) also comprises a turbine (2) and a control valve (4) by means of which the flow of compressed gas produced by the turbo compressor (1a 1b) to the turbine (2) is arranged to be adjusted. The invention also relates to a method for controlling the actuator (10) as well as a control system for the actuator (10).

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.408/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ABSORBENT CORE

(51) International classification :A61F13/15
(31) Priority Document No :10169724.1
(32) Priority Date :15/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/043612
Filing Date :12/07/2011
(87) International Publication No :WO 2012/009297
(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)DI GIROLAMO Luigi

(57) Abstract :
An absorbent core structure for disposable absorbent articles having improved fluid handling properties.

No. of Pages : 104 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.421/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LIGHTWEIGHT SLAB OR SIMILAR STRUCTURAL ELEMENT WHICH CAN RECEIVE EQUIPMENT THAT IS ACCESSIBLE AND THAT CAN EXTEND THROUGH THE SLAB

(51) International classification :E04B5/48,E04C2/52,E04G11/36
(31) Priority Document No :P 201000839
(32) Priority Date :28/06/2010
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2011/070458
Filing Date :24/06/2011
(87) International Publication No :WO 2012/001193
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ALARCON GARCIA Alberto

(57) Abstract :
The invention relates to a lightweight slab or similar structural element which can receive equipment that is accessible and that can extend through the slab. The invention comprises two main parallel reticular reinforcements separated by other secondary reinforcements that can be arranged to form a double diagonal, a single diagonal or be perpendicular in relation to the main reinforcements such as to form nodes with each main reinforcement, thereby forming a series of structural nodes. All of the reinforcements are embedded in a minimum volume of concrete fill which covers and protects said reinforcements and which is defined during the production thereof by a suitable formwork or mould which creates voids in a hypothetical prismatic volume and which is formed by hollow prismatic or truncated-pyramid-shaped volumes with smooth edges and vertices that improve structural strength and facilitate the extraction thereof when it is necessary to retrieve the moulds. The invention is characterised in that the aforementioned fill includes open holes (4, 3) in those portions that do not interfere with the secondary and main reinforcements and said fill forms: a succession of nodes connected at the top and bottom by holes that can be accessed from the lower andlor upper level (4); and, internally, cavities (2) connected by side holes (3) that form a network of channels in all directions, which can receive any type of equipment, such as electricity, telecommunication, plumbing, air conditioning or ventilation equipment.

No. of Pages : 38 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.387/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING A CIRCUIT BREAKER POLE PART

(51) International classification :H01H33/66,H01H1/58,H01H3/28
(31) Priority Document No :10007319.6
(32) Priority Date :15/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/003539
Filing Date :15/07/2011
(87) International Publication No :WO 2012/007173
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHANG Wenkai

(57) Abstract :
Method for producing a circuit breaker pole part by molding an external insulating sleeve (9) with insulation material mounting a vacuum interrupter insert (8) inside the insulating sleeve (9) electrically connecting the vacuum interrupter insert (8) with an upper electrical terminal (2) and a lower electrical terminal (3) arranged in the wall section of the insulating sleeve (9) with the following production steps: molding the external insulating sleeve (9) wherein only the upper electrical terminal (2) is embedded in the insulation material coating the vacuum interrupter insert (8) with an extra layer (11) made of insulation material for thermo extension compensation mounting the coated vacuum interrupter insert (8) by screwing on a threaded bolt (10) onto the upper electrical terminal (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.399/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : STRUCTURAL ENERGY STORAGE ASSEMBLIES AND METHODS FOR PRODUCTION THEREOF

(51) International classification :H01M2/16
(31) Priority Document No :61/378378
(32) Priority Date :30/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049790
Filing Date :30/08/2011
(87) International Publication No :WO 2012/030862
(61) Patent of Addition 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)FLEISCHER Corey Adam

(57) Abstract :
Described herein are multi functional composite materials containing energy storage assemblies that can be significantly resistant to tension/compression stress. The energy storage assemblies can contain at least one energy storage layer that contains an insulating layer having a plurality of openings arranged in a spaced apart manner and a plurality of energy storage devices each energy storage device being contained within one of the openings. The energy storage devices can be electrically connected to one another. The energy storage layer can contain a support material upon which electrical connections are formed. One or more energy storage layers can be disposed between two or more stress carrying layers to form an energy storage assembly that can have significant resistance to tension/compression stress. Energy storage devices suitable for use in the energy storage assemblies can include for example batteries capacitors and/or supercapacitors. Methods for producing the energy storage assemblies are also described.

No. of Pages : 52 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.411/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ALLOCATING TRANSMISSION RESOURCES

(51) International classification :H04L1/00,H04L5/00,H04L1/16
(31) Priority Document No :61/356797
(32) Priority Date :21/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/052720
Filing Date :21/06/2011
(87) International Publication No :WO 2011/161624
(61) Patent of Addition 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)J–NGREN George

(57) Abstract :
A method for wirelessly transmitting data and control information using a plurality of transmission layers includes determining a number of bits in one or more user data codewords (122) to be transmitted during a subframe and calculating for each of M control signals to be transmitted during the subframe a value (Q) based at least in part on the number of bits in the one or more user data codewords (122) and an estimated number of user data vector symbols (124) onto which the one or more user data codewords (122) will be mapped. The estimate of the number of user data vector symbols (124) for a particular one of the M control signals depends at least in part on a number of control vector symbols (124) to be allocated to one or more others of the M control signals. The method also includes determining a number of control vector symbols (124) onto which to map each of the M control signals based on a respective value Q calculated for that control signal mapping the control signals for that control signal and transmitting the control vector symbols.

No. of Pages : 52 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.438/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR SENSING A PARAMETER RELATED TO AN ELECTRICAL PHENOMENON OF A BIOPHARMACEUTICAL CONTENT AND BIOPHARMACEUTICAL CONTAINER COMPRISING SUCH A SENSING DEVICE

(51) International classification :C12M1/34
(31) Priority Document No :1055403
(32) Priority Date :02/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051541
Filing Date :01/07/2011
(87) International Publication No :WO 2012/001322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HEULE Martin

(57) Abstract :
The sensing device (12) comprises support and fixing means (13) means (14) for capturing the parameter fixed rigidly to the support and fixing means (13) comprising a sensing face (14a) situated in a chamber (17) a solid internal chamber end wall (30) disposed transversely an open part (18) made in the chamber peripheral wall (27) the chamber (17) being a holding chamber (17) able to ensure confinement of the content (C) therein and being isolated from the inside space (3a) of the container and safeguarded from the agitation prevailing therein by the internal end wall (30) of the chamber so as to minimize the impact of this agitation on the measurement of the parameter of the content (C) by the sensing face (14a).

No. of Pages : 48 No. of Claims : 28

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

(21) Application No.350/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR EQUIPMENT ALIGNMENT

(51) International classification :G02B7/00,G01C25/00,G02B6/42
(31) Priority Document No :10006971
(32) Priority Date :29/06/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/000119
Filing Date :20/06/2011
(87) International Publication No :WO 2012/002870
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a device (1) for equipment alignment. According to the invention the device (1) is configured as a separate unit for arrangement in front of an aiming mark generating device (9) and comprises a first input port (2) for the reception of an aiming mark a second input port (3) for the reception of an image of a region under observation such as a landscape (14) from the alignment device (1) and an output port (4) for coupling to a detector (10) the device being arranged to accommodate a corner cube prism (11) and a beam divider plate (12) which beam divider plate (12) is arranged at an angle of 45 degrees relative to the input port (2) and at an angle of 45 degrees to the front face of the corner cube prism. By virtue of the invention an alignment device which is simple in terms of its design is power independent and invariant and which is suitable for field conditions has been realized.

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

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

(21) Application No.359/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : UPLINK CONTROL INFORMATION (UCI) MAPPING INDICATOR FOR LONG TERM EVOLUTION (LTE) CARRIER AGGREGATION

(51) International classification	:H04W72/04,H04L5/00,H04W72/12
(31) Priority Document No	:61/356856
(32) Priority Date	:21/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2011/052697 :20/06/2011
(87) International Publication No	:WO 2011/161616
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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2)BALDEMAIR Robert
3)LARSSON Daniel
4)HAMMARWALL David

(57) Abstract :
A system (30) and method to instruct a User Equipment UE (32) how Uplink Control Information UCI on a Physical Uplink Shared Channel PUSCH should be transmitted with carrier aggregation. A semi static signaling of a UCI mapping bit via a Radio Resource Control RRC parameter is used by a base station such as an eNodeB (36) to require the UE to transmit UCI using one of two pre determined UCI transmission modes. The bit can be decided by the base station considering for example the available bandwidth or quality of different Uplink Component Carriers UL CCs associated with the UE. This network based solution allows the network to either configure a general rule of UCI transmission by the UE or to enforce the UCI transmission on the Uplink Primary cell UL Pcell.

No. of Pages : 40 No. of Claims : 34

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

(21) Application No.369/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SOUND ABSORPTION CHARACTERISTIC STRUCTURE

(51) International classification :G10K11/172
(31) Priority Document No :2010160368
(32) Priority Date :15/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061881
Filing Date :24/05/2011
(87) International Publication No :WO 2012/008225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KAWAI Junichi
2)MIHARA Satoshi
3)KATO Chie

(57) Abstract :
The present invention is capable of, even when external force that generates sound frequency is applied, absorbing noise generated thereby and preventing the noise from becoming a noise source for the sur roundings thereof. A sound absorption characteristic structure i s provided with a surface layer (20) which has pores (21) formed in the surface (20A) thereof, and a porous layer (10) which has communication paths (24) com municating with the pores (21), and acoustic holes (14) each formed in the inner part deeper than the surface layer (20) i n wmch the pores (21) are formed, communicating with the communication path (24), and having a larger volume than the volumes o f the pore (21) formed in the surface (20A) and the communication path (24), and i s given a sound absorption characteristic and/or a sound blocking characteristic b y the pores (21) i n the surface (20 A), the communication paths (24) and the acoustic holes (14) in the porous layer (10). Consequently, sound absorption control i n cluding sound blocKing in a predetermined sound frequency band becomes possible, and a high sound absorption characteristic can b e given.

No. of Pages : 40 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.441/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR MIXING AND DISPENSING OF TWO COMPONENT REACTIVE SURGICAL SEALANT

(51) International classification :A61B17/00,B01F5/00,B05B1/34
(31) Priority Document No :12/823786
(32) Priority Date :25/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041720
Filing Date :24/06/2011
(87) International Publication No :WO 2012/087378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ROUSH Daniel E.
2)STEVENS Justin
3)YARDIMCI Atif M.

(57) Abstract :
An applicator for mixing and applying multi component compositions to a work surface such as two component surgical sealants while avoiding clogs preventing cross contamination of the components until a point of intended mixing at a location within the apparatus immediately upstream of an application opening in a tip cap decreasing pressure drop along the applicator to facilitate fluid delivery and increasing efficiency of mixing of the components. A luer hub sub assembly having a proximal hub and a distal hub an elongate four lumened cannula and a spray tip sub assembly are provided with interconnections between the sub assemblies preserving isolation of the fluid components from one another. The tip cap sub assembly includes registration structure to assure proper alignment between tip cap and tip insert. The end wall of the tip cap includes a spinner region with three feeder channels leading thereto the fluid components remaining isolated from one another in two of the feeder channels and initiating mixing with one another in a third of the feeder channels.

No. of Pages : 27 No. of Claims : 14

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

(21) Application No.353/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR COMMUNICATING USING MULTIPLE CONTROLLERS

(51) International classification :G05B19/418
(31) Priority Document No :12/836346
(32) Priority Date :14/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041358
Filing Date :22/06/2011
(87) International Publication No :WO 2012/009112
(61) Patent of Addition 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)PRATT Gary
3)TONNO Giovanni
4)YOENSKY Michael

(57) Abstract :
Operating a control system includes repeatedly transmitting a first interrupt to at least one interface unit by a first controller of a plurality of controllers wherein the first interrupt is transmitted at a first frequency. A first response is received at the first controller from the at least one interface unit responsive to the first interrupt and a second response is received at a second controller of the plurality of controllers from the at least one interface unit wherein the second response is aperiodic with respect to the first frequency.

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

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

(21) Application No.363/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INTEGRATED HYDROCRACKING AND DEWAXING OF HYDROCARBONS

(51) International classification :C10G45/00
(31) Priority Document No :61/359557
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042082
Filing Date :28/06/2011
(87) International Publication No :WO 2012/006044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAAGE Michel A.
3)DANDEKAR Ajit B.
4)OLIVERI Christopher G.
5)VIJAY Rohit
6)MCCARTHY Stephen J.
7)LAI Frank Wenyih
8)FINGLAND Bradley R.

(57) Abstract :
An integrated process for producing naphtha fuel diesel fuel and/or lubricant base oils from feedstocks under sour conditions is provided. The ability to process feedstocks under higher sulfur and/or nitrogen conditions allows for reduced cost processing and increases the flexibility in selecting a suitable feedstock. The sour feed can be delivered to a catalytic dewaxing step without any separation of sulfur and nitrogen contaminants or with only a high pressure separation so that the dewaxing still occurs under sour conditions. Various combinations of hydrotreating catalytic dewaxing hydrocracking and hydrofinishing can be used to produce fuel products and lubricant base oil products.

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.406/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NEGATIVE ELECTRODE FOR A SECONDARY BATTERY

(51) International classification	:H01M4/13,H01M4/583,H01M10/0525
(31) Priority Document No	:1020100068813
(32) Priority Date	:16/07/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2011/005189 :15/07/2011
(87) International Publication No	:WO 2012/008774
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)CHANG Sung Kyun
2)JANG WonSeok
3)HAN JungMin
4)PARK Hong Kyu

(57) Abstract :
Disclosed is an anode for secondary batteries comprising a combination of an anode active material having a relatively810w chargeldischarge voltage and a relatively low hardness (A) and an anode active material having a relatively high chargeldischarge 5 voltage and a relatively high hardness (B), wherein the anode active material (A) is surface-coated with carbon having a high hardness or a composite thereof, and a particle size of the anode active material (B) is smaller than a size of a space formed by the anode active materials (A) arranged in a four-coordination. The anode provides an electrode that prevents lithium precipitation caused by overvoltage, improves ionic 10 conductivity as well as electric conductivity and exhibits superior capacity.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.419/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR IDENTIFICATION OF AGLAIA STELLATOPILOSA

(51) International classification :C12Q1/68
(31) Priority Document No :PI 2010004090
(32) Priority Date :30/08/2010
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2011/000061
Filing Date :31/05/2011
(87) International Publication No :WO 2012/030206
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YEO Tiong Chia
2)NG LING NAH Belinda
3)MARIANI BINTI Omarzuki@Marzuki

(57) Abstract :
A method for identification of is by identifying a set of nucleotides in the internal transcribed spacer (ITS) regions of ribosomal DNA (rDNA) which only exists and belongs to said . This set of nucleotides which serves as an identity of is then used to identify and distinguish from other species by checking the presence of said set of nucleotides in the ITS regions of plant sample to be identified.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.448/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS FOR FACET JOINT TREATMENT

(51) International classification :c12m1
(31) Priority Document No :61/355140
(32) Priority Date :15/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037737
Filing Date :24/05/2011
(87) International Publication No :WO 2011/159440
(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)DICKHUDT Eugene

(57) Abstract :
A system for treating a facet joint of a patient. The facet joint includes a superior articular face and an inferior articular face. The system includes a resurfacing device an implant insertion tool and a guide cannula. The resurfacing device is positionable between a superior articular face of a facet joint and an inferior articular face of a facet joint. The implant insertion tool is adapted to engage the resurfacing device. The guide cannula has a passage extending therethrough. The guide cannula passage is adapted to receive at least a portion of the resurfacing device and the implant insertion tool.

No. of Pages : 69 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013
(21) Application No.1499/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HYDRAULIC SYSTEM FOR FAN PITCH CHANGE ACTUATION OF COUNTER ROTATING PROPELLERS

(51) International classification :F01D7/00,B64C11/30,B64C11/38
(31) Priority Document No :12/894578
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045889
Filing Date :29/07/2011
(87) International Publication No :WO 2012/044394
(61) Patent of Addition 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)YEAGER Donald Scott
3)MENARD Jeffrey Raymond
4)DINSMORE Nicholas Rowe
5)GLYNN Christopher Charles
6)MILLER Brandon Wayne

(57) Abstract :
Spaced apart counter rotatable forward and aft rows of forward and aft propellers are mounted on forward and aft rotatable frames. Hydraulic rotary forward and aft pitch change actuators on the frames are operable for controlling pitch of the propellers. A hydraulic fluid supply outboard of the frames is connected to forward and aft rotary unions which are operable for transferring hydraulic fluid between forward and aft union stators to forward and aft union rotors mounted within the forward and aft rotary unions. The forward union rotor is operable to transfer the hydraulic fluid from the forward rotary union to the aft pitch change actuators and the aft union rotor is operable to transfer the hydraulic fluid from the aft rotary unions to the forward pitch change actuators. The forward and aft rotatable frames counter rotatably mounted on a structural frame located forward or aft of the propellers.

No. of Pages : 49 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.330/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : 3 HETEROCYCLYL SUBSTITUTED PYRIDINE COMPOUNDS AS PESTICIDES

(51) International classification	:C07D401/04,C07D405/04,C07D409/04
(31) Priority Document No	:10169682.1
(32) Priority Date	:15/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/061949 :13/07/2011
(87) International Publication No	:WO 2012/007500
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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7)KLUTH Joachim
8)K–HLER Adeline
9)FRANKEN Eva Maria
10)MALSAM Olga
11)VOERSTE Arnd
12)JESCHKE Peter
13)BECKER Angela
14)L–SEL Peter
15)SATO Yoshitaka

(57) Abstract :
The present invention relates to novel heterocyclic compounds, to processes for preparation thereof and to the use thereof for controlling animal pests, which include arthropods and especially insects.

No. of Pages : 88 No. of Claims : 3

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

(21) Application No.339/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PLASTICIZING VENTING AND EXTRUDING MACHINE WITH VARISIZED CO CURRENT ROTARY SELF CLEANING SCREWS AND THE METHOD THEREOF

(51) International classification :B29C47/40,B29C47/42,B29C47/60
(31) Priority Document No :201010201316.9
(32) Priority Date :12/06/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/075550
Filing Date :09/06/2011
(87) International Publication No :WO 2011/153951
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GUANGDONG INDUSTRY TECHNICAL COLLEGE
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(72)**Name of Inventor :**
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2)WANG Meigui
3)HE Liang
4)KONG Ping
5)CHEN Jinwei

(57) Abstract :
A plasticizing, venting and extruding machine with varisized c o -current rotary self-cleaning screws and the method thereof are provided. The machine comprises a screw assembly, a barrel (1), a feed throat (2), a venting port (4), a discharge port (5) and drive assembly. The screw assembly includes a central screw (6), which has a n axis coinciding with that o f the barrel, and lateral screws (3, 13) with a shape different fiom the central screw, which are arranged a t the both sides o f the central screw (6) and engaged with the central screw (6). The contour lines o f the threads o f the central screw (6) and the lateral screws (3, 13) are tangent t o the inner wall o f the barrel. The drive assembly are connected t o the central screw (6) and the lateral screws (3, 13) r e spectively. Each o f the screws i n the invention has a channel o f asymmetrical geometrical shape, so that a n asymmetrical flow cav ity for material i s obtained, which improves the milling intensity, shows a n excellent dispersive mixing effect, and i s capable o f self-cleaning, which i s o f particular interest t o massive production o f nano-materials.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.435/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AZEOTROPE LIKE COMPOSITION OF PF5 AND HF

(51) International classification :C01B25/10,C01B7/19,B01D3/36
(31) Priority Document No :61/360126
(32) Priority Date :30/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041945
Filing Date :27/06/2011
(87) International Publication No :WO 2012/012107
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HULSE Ryan J.
2)BASU Rajat Subhra
3)LULY Matthew H.

(57) Abstract :
Provided are azeotropic and azeotrope like compositions of PFand HF and methods of making such compositions. Such azeotropic and azeotrope like compositions can be used for example in processes for producing LiPF.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.449/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYCRYSTALLINE SILICON PRODUCTION

(51) International classification :H01L21/205,C30B25/00,C30B29/06
(31) Priority Document No :61/365753
(32) Priority Date :19/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044573
Filing Date :19/07/2011
(87) International Publication No :WO 2012/012457
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JAYAKAR Krishnakumar M.
2)KULTGEN Urban R.

(57) Abstract :
A chemical vapor deposition (CVD) reactor system has a reaction chamber enclosed by a reaction chamber wall with an inner surface disposed towards the interior of the chamber. At least a portion of the wall is a heat control layer that faces the chamber and that consists of a material such as electrolytic ally deposited nickel that has an emissivity coefficient as measured at 300K of 0.1 or less and a hardness of at least 3.5 Moh. Polycrystalline silicon is produced from silicon rich gases using such a CVD reactor system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1441/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BLADE CONNECTION OF A ROTOR BLADE OF A WIND TURBINE

(51) International classification :F03D1/06
(31) Priority Document No :20 2010 013 535.4
(32) Priority Date :24/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004459
Filing Date :05/09/2011
(87) International Publication No :WO 2012/038034
(61) Patent of Addition 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)WERNER Markus

(57) Abstract :
The invention relates to a fastening element (12) to be arranged in a receptacle of a rotor blade connection (17) of a rotor blade (5) wherein the receptacle is formed on the rotor hub end of the preferably flange free rotor blade (5). The fastening element (12) is or has been arranged in the receptacle between an inner fastening side and an outer fastening side of the rotor blade (5) and the fastening element (12) introduced into the receptacle (10) is or has been connected to the inner fastening side and the outer fastening side of the rotor blade (5) and the fastening element (12) is tapered in the longitudinal extension thereof. The fastening element (12) is characterized in that the fastening element (12) has a connection (15) at an angle from in particular perpendicular to the longitudinal extension for a lightning protection conductor (18) of the rotor blade (5).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1442/DELNP/2013 A
(43) Publication Date : 10/10/2014

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

(51) International classification :G06F13/00,B41J29/38,G06F3/12
(31) Priority Document No :2011034278
(32) Priority Date :21/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/000701
Filing Date :02/02/2012
(87) International Publication No :WO 2012/114660
(61) Patent of Addition 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)NISHIZAWA Koji

(57) Abstract :
Provided is a network system that can control an image inputting apparatus without need of any drivers depending on the computer environment. A client terminal (2) comprises: a Web page acquiring means (71) that acquires a Web page (21) in which a scanner control script (24) used for controlling an image input from a scanner (3) is incorporated; an image acquisition request transmitting means (72) that uses the scanner control script (24) to transmit an image acquisition request addressed to the scanner (3) via an interface board (5); and an image acquiring means (73) that uses the scanner control script (24) to acquire as a response to the image acquisition request an image from the scanner (3). The interface board (5) which is connected to the scanner (3) comprises: a processing request receiving means (81) that receives the image acquisition request; and a board side image transferring means (83) that transmits on the basis of the received image acquisition request the image scanned by the scanner (3) to the client terminal (2).

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.1500/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : 5A ANDROSTANE (ALKYL) 3 5 6 TRIOL INJECTION AND PREPARATION METHOD THEREFOR

(51) International classification :A61K31/565,A61K9/08,A61K9/14
(31) Priority Document No :201010292234.X
(32) Priority Date :21/09/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/076968
Filing Date :08/07/2011
(87) International Publication No :WO 2012/037834
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HU Haiyan
3)ZHANG Jingxia
4)QIU Pengxin
5)LI Ling
6)TIAN Ning

(57) Abstract :
A 5a-androstane (alkyl)-¾5,6p-triol injection and preparation method therefor, the injection whereof using hy- droxypropyl-p-cyclodextrin as a solubilizer and the active ingredient whereof being present preferably in a proportion by weight of 1-20:40-500 to the cyclodextrin. The injection may also comprise 1-100 parts of an isotonic regulator, 0-200 parts of a lyophilized filler, 0-2000 parts of a solvent. The preparation method comprises separately and successively dissolving the hydrox - ypropyl-p-cyclodextrin solution, the active ingredient and other soluble accessory ingredients in the water for injection, then after decolorization, depyrogenation, filtering, and sterilization of the filtrate, a liquid injection solution i s obtained. Drying the filtrate yields a solid for injection.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.450/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A CONNECTING SYSTEM FOR CONNECTING TOGETHER AND FOR PRE-FITTING A FIRST TUBE AND A SECOND TUBE

(51) International classification :F16L23/08
(31) Priority Document No :1056175
(32) Priority Date :27/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051743
Filing Date :19/07/2011
(87) International Publication No :WO 2012/013891
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RIGOLLET Nicolas

(57) Abstract :
The invention relates to a System including a collar (10) and a ring (28), the collar comprising a strip (12) capable of engaging with bearing surfaces (16, 18) of the connected tubes (1, 2) via the inner periphery thereof which defines a groove (1), and a means for clamping the strip. The ring (28) is secured to the collar by attachment means (33, 34), and the System includes a first preliminary mounting means (38) for securing the collar, when the latter is not clamped, to the first tube when the bearing surface (16) of the first tube is inserted into the groove (14). The System also includes a second preliminary mounting means (40) for securing the collar (10), once the latter is secured to the first tube (1) by the first preliminary mounting means (38), to the second tube (2) when the bearing surface (18) of the second tube is also inserted into the groove (14).

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

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

(21) Application No.357/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD TO MINIMIZE INPUT CURRENT HARMONICS OF POWER SYSTEMS SUCH AS ESP POWER SYSTEMS

(51) International classification :H02J3/01,H02M1/12
(31) Priority Document No :10166572.7
(32) Priority Date :18/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/059131
Filing Date :01/06/2011
(87) International Publication No :WO 2011/157567
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SOEIRO Thiago Batista
3)BIELA J¼rgen
4)RANSTAD Per
5)LINNER Jrgen

(57) Abstract :
Disclosed is a method for the improvement of the line quality in a system in which a common feeding (1) via at least one distribution transformer (3) feeds at least two non linear loads (11) drawing non sinusoidal currents from the common feeding (1) wherein between the common feeding (1) and the distribution transformer (3) there is at least one primary side transformer line (2) and between the at least one distribution transformer (3) and the loads (11) there is at least one lower voltage secondary side transformer line (22) wherein at least one active filter (24) attached to at least one lower voltage secondary side transformer line (22) is used for the attenuation or elimination of higher order harmonics experienced by the common feeding (1). Furthermore a high power distribution system for use of such a method is disclosed in particular for the operation of an electrostatic precipitator.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.386/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DETECTION OF THE OVERSPEED OF A FREE TURBINE BY MEASURING USING A TORQUE METER

(51) International classification :F01D21/00,F01D21/02,F01D21/04
(31) Priority Document No :1055350
(32) Priority Date :02/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051558
Filing Date :01/07/2011
(87) International Publication No :WO 2012/001334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)PERBOS Alain Michel

(57) Abstract :
The invention relates to a device for protecting against the overspeed of a free turbine (6) of a turbine engine which comprises a gas generator including at least one compressor (1) a combustion chamber (3) at least one linked turbine (4) and a system for controlling the fuel injected into said combustion chamber the gases produced by said generator being sent to said free turbine (6) said device including at least one torque measuring means (12) supported by an output shaft (8 11) mechanically coupled to said free turbine and a signal processing unit capable of transmitting an order to the control system of the turbine engine to reduce the flow rate of injected fuel in the event it is detected that the torque drops below a set value wherein the measurement of the torque used for triggering said reduction is carried out during a rotation corresponding to a fraction of a revolution of said output shaft (8 11).

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.410/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MIXED POLYESTER YARNS AND ARTICLES MADE THEREFROM

(51) International classification :D02G3/04,A47G27/02,D01F1/04
(31) Priority Document No :61/366181
(32) Priority Date :21/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044782
Filing Date :21/07/2011
(87) International Publication No :WO 2012/012597
(61) Patent of Addition 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)CHANG Jing Chung
2)MILLER Ray W.

(57) Abstract :
The present invention is directed to polyester yarns made from two or more different polyesters. The invention is also directed to finished articles made from two or more different polyesters and especially to carpets.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.437/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING HYDRAULIC POWDER

(51) International classification :C04B7/52,C04B103/52
(31) Priority Document No :2010161561
(32) Priority Date :16/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066066
Filing Date :14/07/2011
(87) International Publication No :WO 2012/008517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SAGAWA Keiichiro
2)SHIMODA Masaaki
3)NAGASAWA Koji

(57) Abstract :
Provided i s a method ior producing a hydraulic powder containing 0.5-9.5% b y weight o f C A , which comprises a step o f pulverizing a hydraulic compound i n the presence o f an alkanolamine that has a freezing point o f not more than 0 °C .

No. of Pages : 64 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.451/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BLOOD PRESSURE MONITOR CALIBRATION

(51) International classification :A61B5/022
(31) Priority Document No :1012337.0
(32) Priority Date :23/07/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051411
Filing Date :25/07/2011
(87) International Publication No :WO 2012/010909
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FINCH Steven
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(72)**Name of Inventor :**
1)GROTOV Yury

(57) Abstract :
A blood pressure monitor particularly of the type having an inflatable cuff communicating with a pressure sensor and suitable for home use may be calibrated by applying a sealed canister containing gas at a known pressure to a port so as to apply the known pressure to the pressure sensor and comparing a pressure signal from the pressure sensor with the known pressure so as to determine a calibration error of the sensor and/or adjust the calibration of the sensor e.g. by electronically adjusting the sensor. Several canisters may be used to calibrate the sensor across a range of pressures each canister having a different known pressure. Each canister is preferably ruptured when attached to the port and is not re usable and may comprise an identifier such as an electronically readable identifier which is stored in a memory in association with the value of the known pressure within the canister. Temperature sensing means may be provided whereby the pressure reading is adjusted to compensate for temperature e.g. of the gas released from the canister. The monitor may comprise means for sensing mechanical shock and alerting a user or remote monitoring personnel to provide an indication that recalibration is required.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1527/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMBINATION PHARMACEUTICAL COMPOSITIONS AND METHOD OF TREATMENT OF VERTIGO KINETOSIS AND VEGETATIVE VASCULAR DYSTONIA

(51) International classification	:C07K16/18,C07K16/40,A61K41/00
(31) Priority Document No	:2010130353
(32) Priority Date	:21/07/2010
(33) Name of priority country	:Russia
(86) International Application No Filing Date	:PCT/IB2011/002378 :15/07/2011
(87) International Publication No	:WO 2012/010974
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)EPSHTEIN Oleg Lliich

(57) Abstract :
The present invention relates to combination pharmaceutical compositions comprising an activated-potentiated form of an antibody to endothelial NO synthase and activated potentiated form of an antibody to brain-specific protein S-100 and its use for the treatment of vegetative-vascular dystonia (WD) and symptoms thereof.

No. of Pages : 71 No. of Claims : 21

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

(21) Application No.349/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INDUSTRIAL OCEAN THERMAL ENERGY CONVERSION PROCESSES

(51) International classification :F03G7/05,F22B33/18
(31) Priority Document No :61/364159
(32) Priority Date :14/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044015
Filing Date :14/07/2011
(87) International Publication No :WO 2012/009541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHAPIRO Laurence Jay
2)COLE Barry R.
3)ROSS Jonathan M.
4)KRULL Russ

(57) Abstract :
A combined OTEC and steam system having an OTEC power generation system including a multistage condensing system in fluid communication with a cold water system and a steam system comprising a steam condenser wherein the steam condenser is in fluid communication with the cold water system.

No. of Pages : 56 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.389/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LENS WITH CONICAL FRUSTUM MENISCUS WALL

(51) International classification :G02B3/14,G02C7/08,A61F2/16
(31) Priority Document No :61/359548
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040732
Filing Date :16/06/2011
(87) International Publication No :WO 2012/005922
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PUGH Randall B.
2)OTTS Daniel B.
3)RIALL James Daniel
4)TONER Adam
5)KERNICK Edward R.
6)SNOOK Sharika

(57) Abstract :
The present invention provides a liquid meniscus lens including an arcuate front curve lens and an arcuate back curve lens. According to the present invention a first arcuate shaped optic is proximate to a second arcuate shaped optic with a cavity formed therebetween. A saline solution and an oil are maintained within the cavity. Application of electrical charge to a meniscus wall generally located in a perimeter area of one or both of the first arcuate optic and the second arcuate optic changes the physical shape of a meniscus formed between the saline solution and oil maintained within the cavity. The present invention includes a meniscus wall formed into a shape essentially including a frustum of a cone. Embodiments may also include a lens of suitable size and shape for inclusion in a contact lens.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.401/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PYRIMIDINE COMPOUNDS AS INHIBITORS OF PROTEIN KINASES IKK EPSILON AND/OR TBK 1 PROCESSES FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification	:C07D239/42,C07D401/12,C07D401/14
(31) Priority Document No	:1012105.1
(32) Priority Date	:19/07/2010
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2011/001075 :18/07/2011
(87) International Publication No	:WO 2012/010826
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)DOMAINEX LIMITED
Address of Applicant :162 Cambridge Science Park Milton Road Cambridge CB4 0GH U.K.
(72)**Name of Inventor :**
1)PERRIOR Trevor Robert
2)NEWTON Gary Karl
3)STEWART Mark Richard
4)AQIL Rehan

(57) Abstract :
C Compounds of the general formula (I) and salts thereof are useful in the treatment of diseases associated with aberrant activity of the protein kinases e and/or TBK 1 : in which: R represents an aliphatic heterocyclyl group having 4 5 6 or 7 ring atoms bonded to the phenyl group shown in formula I through a ring nitrogen atom and optionally substituted by one or more substituents defined in the Specification; R represents a phenyl or heteroaryl group which is optionally substituted by one or more substituents defined in the Specification; and each of R and R independently represents a hydrogen atom or a C alkyl group.

No. of Pages : 67 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.413/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ENERGY RECOVERY FROM A VEHICLE SUSPENSION

(51) International classification :B60G17/015
(31) Priority Document No :102010038281.7
(32) Priority Date :22/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/058735
Filing Date :27/05/2011
(87) International Publication No :WO 2012/010355
(61) Patent of Addition 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 :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)KNECHT Gerhard
2)URLAUB Sven

(57) Abstract :
The invention relates to a wheel mounting system (1) for a wheel (2) of a motor vehicle, comprising: a mounting (3) for holding the wheel (2); a suspension (6) for holding the wheel resiliently via the mounting (3) in a direction transverse to an axial direction of the wheel (2); a generator (9, which converts kinetic energy from deflections of the suspension (3) into electrical energy in a regenerating manner; and a control unit (9), which is designed to control an amount of energy withdrawn from the generator (5) such that the generator (5) provides a desired damping constant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.453/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONTINUOUS EXTRACTION MINING SYSTEM

(51) International classification :E21C41/00
(31) Priority Document No :61/362949
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043416
Filing Date :08/07/2011
(87) International Publication No :WO 2012/006562
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZIMMERMAN Joseph J.

(57) Abstract :
A continuous material extraction system for a mine. The mine includes a roadway entry and a draw bell entry intersecting the roadway entry and affording access to a draw bell. The system generally includes a conveyor extending along the roadway entry roadway rails extending along the roadway entry and a material collector moveable along the roadway rails. The material collector is operable to crush material and deposit crushed material onto the conveyor. The system also includes a loading machine that is moveable along the rails and from the roadway entry into the draw bell entry for removing material from the draw bell and transferring material removed from the draw bell to the material collector. A bridge conveyor extends between the loading machine and the material collector.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.333/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DUAL SENSITIVITY BROWSER FOR SORTING MACHINES

(51) International classification :B07C5/342,B07C5/36,G06Q10/00
(31) Priority Document No :1011300.9
(32) Priority Date :05/07/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000883
Filing Date :13/06/2011
(87) International Publication No :WO 2012/004550
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAMID Gabriel

(57) Abstract :
Inspection apparatus comprises a feed system for delivering a stream of articles to an imaging zone (6). A camera (10) generates image data from the stream at the imaging zone for processing by a computer (12). The computer (12) comprises a pattern recognition system for identifying defects and for ranking identified defects. The computer (12) is coupled to a graphical user interface to display such areas as thumbnails on the interface. The thumbnails are displayed in a space defined by at least two related defect criteria. Each thumbnail is located on a locus defined by the severity of the respective defect and its displayed position on the locus is determined by a rule. The locus will normally trace the points in the space at which the thumbnail is classified as a defect.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.391/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROJECTION DISPLAY SURFACE PROVIDING SPECKLE REDUCTION

(51) International classification :H04N9/31,G03B21/56,G03B21/60
(31) Priority Document No :12/816559
(32) Priority Date :16/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040118
Filing Date :13/06/2011
(87) International Publication No :WO 2011/159588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SILVERSTEIN Barry D.
2)MARCUS Michael Alan
3)KURTZ Andrew F.

(57) Abstract :
A projection display surface for reducing speckle artifacts from a projector having at least one narrow band light source having an incident visible wavelength band wherein the incident visible wavelength band has an incident peak wavelength and an incident bandwidth comprising: a substrate having a reflective layer that reflects incident light over at least the incident visible wavelength band; and a fluorescent agent distributed over the reflective layer wherein the fluorescent agent absorbs a fraction of the light in the incident visible wavelength band and emits light in an emissive visible wavelength band having an emissive peak wavelength and an emissive bandwidth; wherein return light from the projection display surface produced when incident light in the incident visible wavelength band is incident on the projection display surface contains light in both the incident visible wavelength band and emissive visible wavelength band thereby reducing speckle artifacts.

No. of Pages : 72 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.403/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WIRE ANTENNA FOR HIGH FREQUENCY TRANSMISSION

(51) International classification :H01Q1/34
(31) Priority Document No :10 02978
(32) Priority Date :15/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051695
Filing Date :15/07/2011
(87) International Publication No :WO 2012/007699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MOLIERE Alain

(57) Abstract :
The invention relates to a wire antenna for submarines (4) comprising a coaxial cable (6) and a radiating element (8), one end of which is connected to the coaxial cable and dimensioned for transmitting high frequency waves, between 3 MHz and 30 MHz. The antenna (2) comprises at least one isolation filter (14) positioned on the radiating element (8) of the wire antenna (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.443/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PROLONGING A CATALYST S LIFE DURING HYDROFLUORINATION

(51) International classification	:C07C17/087,C07C19/10,B01J27/135
(31) Priority Document No	:12/825040
(32) Priority Date	:28/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/041395 :22/06/2011
(87) International Publication No	:WO 2012/009114
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)MERKEL Daniel C.

(57) Abstract :
The invention provides an improved process to manufacture 2 chloro 1 1 1 2 tetrafluoropropane (HCFC 244bb) by reacting 2 chloro 3 3 3 trifluoropropene (HCFO 1233xf) with hydrogen fluoride in the presence of a fluorination catalyst where by using 2 chloro 3 3 3 trifluoropropene (HCFO 1233xf) of high purity the need to add an oxidizing agent (typically chlorine) to keep the catalyst active can be avoided. The HCFC 244bb is then used as an intermediate in the production of 2 3 3 3 tetrafluoropropene 1 (HFO 1234yf).

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.457/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ARYLCYCLOPROPYLAMINE BASED DEMETHYLASE INHIBITORS OF LSD1 AND THEIR MEDICAL USE

(51) International classification	:C07D213/73,C07D237/20,C07D239/42
(31) Priority Document No	:10171342.8
(32) Priority Date	:29/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/062949 :27/07/2011
(87) International Publication No	:WO 2012/013728
(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)FYFE Matthew Colin Thor
3)MARTINELL PEDEMONTE Marc
4)TIRAPU FERNANDEZ DE LA CUESTA I±igo
5)ESTIARTE MART NEZ Maria de los ngeles

(57) Abstract :
The invention relates to (hetero)aryl cyclopropylamine compounds including particularly the compounds of formula (I) as described and defined herein and their use in therapy including . in the treatment or prevention of cancer a neurological disease or condition or a viral infection. Thus in one specific aspect the invention relates to formulas (II) (III) (IV) (V) (VI) (VII) (VIII) (IX).

No. of Pages : 155 No. of Claims : 78

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

(21) Application No.10874/DELNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MULTITUBE VALVELESS PULSE DETONATION ENGINE

(51) International classification :F02K7/02,F02K7/075
(31) Priority Document No :61/354829
(32) Priority Date :15/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050362
Filing Date :15/06/2011
(87) International Publication No :WO 2011/156923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GOTTFRIED Kristjan
2)JUAN Alejandro

(57) Abstract :
Disclosed herein is a valveless multitube pulse detonation engine including: a plurality of detonation tubes wherein each detonation tube comprises an independent discharge outlet and the plurality of detonation tubes interconnected at a common air/fuel mixture intake port. In the disclosed engine an air and fuel mixture is detonated in the detonation tubes simultaneously and the common air/fuel mixture intake port minimizes back pressure caused by detonating the air/fuel mixture by directing multiple reverse shock waves into one another and effectively using the back pressures as reacting surfaces for one another and effectively reducing the effect of back flowing shock waves moving towards upstream. The detonation tubes may be non linear and may have independent discharges. The independent discharges may be coupled to an adapter nozzle terminating in a combined exhaust outlet.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1453/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR LOCKING A ROOT OF A ROTOR BLADE

(51) International classification :F01D5/30
(31) Priority Document No :1056528
(32) Priority Date :10/08/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/051882
Filing Date :08/08/2011
(87) International Publication No :WO 2012/020195
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :2 boulevard du Gnral Martial Valin F 75015 Paris France
(72)**Name of Inventor :**
1)BART Jacques Ren
2)BEAUJARD Antoine Jean Philippe

(57) Abstract :
A device (8) for locking a root of a rotor blade in a groove in a rotor disc of a turbomachine comprising: a circular ring sector (81) designed to be mounted transversely to the axis of the turbomachine in a groove in the rotor disc; at least one locking wedge (82) which is rigidly secured and perpendicular to the ring sector (81) and extends parallel to the axis (S) of the ring sector (81) so as to hold the root of the blade radially in the groove; and at least one locking tooth (83) extending from the ring sector (81) radially with respect to the axis (S) of the ring sector (81) so as to prevent the root of the blade from moving axially in the groove.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1454/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CO CRYSTALS AND SALTS OF CCR3 INHIBITORS

(51) International classification :C07D401/14,C07D211/58,C07D213/81
(31) Priority Document No :10186901.4
(32) Priority Date :07/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/067437
Filing Date :06/10/2011
(87) International Publication No :WO 2012/045803
(61) Patent of Addition 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)HAEBERLE Hans
3)HENRY Manuel
4)PACHUR Thorsten
5)SANTAGOSTINO Marco
6)STERTZ Uwe
7)TREBING Thomas
8)WERTHMANN Ulrike

(57) Abstract :
This invention relates to co crystals and salts of CCR3 inhibitors of formula (1) pharmaceutical compositions containing the same and methods of using the same as agents for treatment and/or prevention of diseases related with the CCR3 receptor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.1455/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PREPARING LIQUID OVERBASED METAL CARBOXYLATES MIXED METAL STABILIZERS CONTAINING SAME AND STABILIZED HALOGEN CONTAINING POLYMERS THEREWITH

(51) International classification :C07C29/70,C07C37/66,C07C57/12
(31) Priority Document No :13/306308
(32) Priority Date :29/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020918
Filing Date :11/01/2012
(87) International Publication No :WO 2013/081649
(61) Patent of Addition 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)FARONE Eric V.
3)LABOVITZ Benjamin P.

(57) Abstract :
Liquid overbased alkali or alkaline earth metal carboxylates particularly barium carboxylates are prepared by a process which includes the use of a beta diketone as a reaction promoter during carbonation. Mixed metal stabilizers containing the overbased metal carboxylates are used as stabilizers for halogen containing polymers such as polyvinyl chloride (PVC).

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

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

(21) Application No.347/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 5 SUBSTITUTED 1 ALKYLTETRAZOLYL OXIME DERIVATIVES

(51) International classification :C07D257/04,C07D401/12
(31) Priority Document No :10166852.3
(32) Priority Date :22/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060281
Filing Date :21/06/2011
(87) International Publication No :WO 2011/161076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BERNIER David
3)COQUERON Pierre Yves
4)DESBORDES Philippe
5)DUBOST Christophe
6)LUI Norbert
7)PAZENOK Sergii

(57) Abstract :
The present invention relates to a process for the preparation of 5 substituted 1 alkyltetrazolyl oxime derivatives (I).

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.464/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PHARMACEUTICALLY ACTIVE COMPOUNDS AS AXL INHIBITORS

(51) International classification :C07D401/12,C07D401/14,C07D413/12
(31) Priority Document No :10075374.8
(32) Priority Date :28/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/004451
Filing Date :26/08/2011
(87) International Publication No :WO 2012/028332
(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)CHOIDAS Axel
4)KOCH UWE
5)EICKHOFF Jan
6)WOLF Alexander
7)ULLRICH Axel

(57) Abstract :
The present invention relates to 1 nitrogen heterocyclic 2 carboxamides of general formula (I): and/or pharmaceutically acceptable salts thereof the use of these derivatives as pharmaceutically active agents especially for the treatment and/or prevention of Axl receptor tyrosine kinase subfamily induced disorders including cancer and primary tumor metastases and pharmaceutical compositions containing at least one of said 1 nitrogen heterocyclic 2 carboxamide derivatives and/or pharmaceutically acceptable salts thereof.

No. of Pages : 164 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.439/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OPTICAL DEMULTIPLEXING SYSTEM

(51) International classification :G02B5/20
(31) Priority Document No :61/360560
(32) Priority Date :01/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042705
Filing Date :30/06/2011
(87) International Publication No :WO 2012/003395
(61) Patent of Addition 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 :1791 Deere Avenue Irvine CA 92606 U.S.A.
(72)**Name of Inventor :**
1)KNAPP Jamie

(57) Abstract :
Demultiplexing systems and methods are discussed which may be small and accurate without moving parts. In some cases demultiplexing embodiments may include optical filter cavities that include filter baffles and support baffles which may be configured to minimize stray light signal detection and crosstalk. Some of the demultiplexing assembly embodiments may also be configured to efficiently detect U.V. light signals and at least partially compensate for variations in detector responsivity as a function of light signal wavelength.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.454/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GALACTO OLIGOSACCHARIDE CONTAINING COMPOSITION AND A METHOD OF PRODUCING IT

(51) International classification	:C12P19/02,C12P19/12,C12P19/14
(31) Priority Document No	:10169981.7
(32) Priority Date	:19/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/062355 :19/07/2011
(87) International Publication No	:WO 2012/010597
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)BERTELSEN Hans
2)LANGBORG WEJSE Peter

(57) Abstract :
The present invention relates to a method of producing compositions containing galacto oligosaccharides as well as to galacto oligosaccharide containing compositions as such.

No. of Pages : 71 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.466/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR PREPARING A BEVERAGE BY CENTRIFUGATION

(51) International classification :A47J31/22
(31) Priority Document No :10169803.3
(32) Priority Date :16/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061083
Filing Date :30/06/2011
(87) International Publication No :WO 2012/007293
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JARISCH Christian
2)ETTER Stefan
3)PERENTES Alexandre

(57) Abstract :
Device for preparing a beverage from a beverage ingredient contained in a receptacle (17) by driving the receptacle in centrifugation comprising: a holding part (16) arranged for holding the receptacle in a position enabling it to be driven in rotation along a longitudinal axis of rotation (I) a liquid interfacing part (8) arranged for supplying water in the receptacle and/or extracting the beverage from the receptacle a collecting part (44) for collecting the beverage obtained by the interaction between the ingredient and water in the receptacle wherein the holding part and liquid interfacing part (8 16) are connected together by connection means in such a manner that these parts (8 16) rotate together with the receptacle during centrifugation wherein the connection means comprise at least a first engaging surface (48; 86) of the holding part (16) and a second engaging surface (23; 87) of the liquid interfacing part (8) engaged in contact together during connection in a manner preventing the holding part (16) and the liquid interfacing part (8) from moving away from each other at least in the axial direction of rotation (I) and the connection means further comprising at least one mass of inertia (20 21 31; 80) arranged to be moveably connected to at least one of the parts (8 16) with at least one degree of freedom in a least one radial direction for enabling the engagement forces to increase between the two engaging surfaces as a result of the increase of the centrifugal forces.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.492/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITIONS AND METHODS OF USE COMPRISING COMBINATIONS OF ANTI CD74 ANTIBODIES WITH A THERAPEUTIC AGENT. THE THERAPEUTIC AGENT MAY BE ATTACHED TO THE ANTI CD74 ANTIBODY OR MAY BE SEPARATELY ADMINISTERED EITHER BEFORE SIMULTANEOUSLY WITH OR AFTER THE ANTI CD74 ANTIBODY

(51) International classification :A61K39/395
(31) Priority Document No :61/374449
(32) Priority Date :17/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047762
Filing Date :15/08/2011
(87) International Publication No :WO 2012/024223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHANG Chien Hsing
2)GOLDENBERG David M.
3)ROSSI Edmund A.

(57) Abstract :
Disclosed are compositions and methods comprising combinations of anti CD74 antibodies with a therapeutic agent that is attached to the anti CD74 antibody or separately administered. Preferably the therapeutic agent is an antibody that binds to an antigen different from CD74 such as CD19 CD20 CD21 CD22 CD23 CD37 CD40 CD40L CD52 CD80 IL 6 CXCR4 or HLA DR. However the therapeutic agent may an immunomodulator a cytokine a toxin or other known therapeutic agent. Preferably the anti CD74 antibody is part of a DNL complex. More preferably combination therapy with the anti CD74 antibody and therapeutic agent is more effective than antibody alone therapeutic agent alone or the combination of unconjugated anti CD74 antibody and therapeutic agent. Administration of combination induces apoptosis of target cells in diseases in which CD74 is overexpressed such as solid tumors B cell lymphomas or leukemias autoimmune disease immune dysfunction disease or diabetes.

No. of Pages : 174 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.417/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HINGE DEVICE FOR ELECTRONIC APPARATUS

(51) International classification :F16C11/04,H04M1/02
(31) Priority Document No :2010157781
(32) Priority Date :12/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065813
Filing Date :11/07/2011
(87) International Publication No :WO 2012/008420
(61) Patent of Addition 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)MITSUI Yasuhiro

(57) Abstract :
Disclosed i s a mnge device that i s ior an electronic apparatus and that can improve space efficiency o t the electron i c apparatus. The hinge device has a cam unit and a gear unit at the position o f connection o f an upper plate and a lower plate. The cam unit has: a first cam mechanism that generates torque at a first cam shaft that connects with the upper plate; and a second cam mechanism that generates torque at a second cam shaft that connects with the lower plate. Also, the gear unit has: a first gear shaft that connects t o the upper plate; a second gear shaft that connects t o the lower plate; and a gear mechanism that contains a first gear provided t o the first gear shaft and a first gear provided t o the second gear shaft, and that causes the first gear shaft and the second gear shaft t o rotate synchronously.

No. of Pages : 52 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.469/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PALLET FOR MULTISTORY MECHANICAL PARKING FACILITY AND MULTISTORY MECHANICAL PARKING FACILITY WITH SAME

(51) International classification :H02J7/00,B60L11/18,E04H6/18
(31) Priority Document No :2010222507
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070217
Filing Date :06/09/2011
(87) International Publication No :WO 2012/043163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NODA Seiichi
3)MIYAMOTO Toshiya
4)SAISHO Masaaki
5)FUJIKAWA Hiroyasu
6)SUDA Kazuhiro

(57) Abstract :
A PALLET FOR A MULTISTORY MECHANICAL PARKING FACILITY WHICH ALLOWS AN ELECTRIC VEHICLE TO BE PARKED THEREIN AND CONVEYS THE ELECTRIC VEHICLE TO A PREDETERMINED POSITION AND WHICH IS PROVIDED WITH AN ELECTRIC CHARGING DEVICE CAPABLE OF, WHILE THE ELECTRIC VEHICLE IS PARKED, CHARGING THE BATTERY INSTALLED IN THE ELECTRIC VEHICLE. THE ELECTRIC CHARGING DEVICE (16B) IS PROVIDED WITH: A STRETCHABLE COILED CHARGING CABLE (26) WHICH HAS ONE END CONNECTED TO THE PALLET (15B) SIDE AND THE OTHER END PROVIDED WITH A CHARGING CONNECTOR (35) CONNECTED TO THE CHARGING CONNECTION SECTION OF THE ELECTRIC VEHICLE AND WHICH CONTRACTS TO A COIL SHAPE WHEN A PULLING FORCE IS NOT APPLIED THERETO; AND A CABLE STORAGE SECTION (51) WHICH IS PROVIDED TO THE PALLET (15B) AND STORES THE CHARGING CABLE (26) HAVING CONTRACTED TO THE COIL SHAPE.

No. of Pages : 60 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.483/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A SYSTEM REGULATING THE DISPENSING OF A BODY FLUID

(51) International classification :A61F5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/060273
Filing Date :16/07/2010
(87) International Publication No :WO 2012/007046
(61) Patent of Addition 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)GALVAO NETO Manoel
4)ORTIZ Mark Steven
5)PASTORELLI Alessandro
6)ALBRECHT Thomas Edward
7)HESS Christopher J.
8)STOKES Michael J.
9)ZEINER Mark S.

(57) Abstract :
A system (11) for regulating the dispensing of body fluid comprises a regulating valve (12) adapted to be placed in the flow path of a body fluid and a physiological characteristic sensing device (13) in signal communication with the regulating valve (12) and configured to generate a control signal (14) in dependency from the physiological characteristic wherein the regulating valve (12) is adapted to change a rate of flow of the body fluid in response to the control signal (14).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.497/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTROMAGNETIC CLUTCH FOR CONNECTING A STEAM ENGINE TO A COMBUSTION ENGINE

(51) International classification	:F16D27/108,F16D27/11,F16D27/112
(31) Priority Document No	:10 2010 031 498.6
(32) Priority Date	:19/07/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2011/059506 :08/06/2011
(87) International Publication No	:WO 2012/010372
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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3)MAGEL Hans Christoph
4)WENGERT Andreas

(57) Abstract :
The invention relates to an electromagnetic clutch (4) which is used to connect a steam engine (2) to a combustion engine (3) and which comprises a first shaft (8) that can be driven by the steam engine (2), and a second shaft (9) that can be driven by the combustion engine (3), an idler gear (23) being connected to the first shaft (8) and a clutch bell (26) being connected to the second shaft (9). A freewheel (27) is provided between the idler gear (23) and the clutch bell (26) and is used to transmit a rotational movement from the idler gear (23), which is connected to the first shaft (8), onto the clutch bell (26) and allows the clutch bell (26) to freewheel in relation to the idler gear (23). An electromagnetic actuation force can furthermore generate a frictional force between the idler gear (23) and the clutch bell (26) to carry along the steam engine (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.494/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 3 HALOALKYLPYRAZOLES

(51) International classification :C07D231/14
(31) Priority Document No :61/372122
(32) Priority Date :10/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/063360
Filing Date :03/08/2011
(87) International Publication No :WO 2012/019950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The present invention provides a process for the preparation of a compound of formula (I) wherein Ris C C haloalkyl; R is optionally substituted alkyl optionally substituted aryl or optionally substituted heteroaryl; and R is methyl or ethyl; comprising reacting a compound of formula (IV) wherein R R and R are as defined for the compound of formula I; with an alkylating agent in the presence of an amide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.509/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POWER DUAL BAND ROTARY JOINT OPERATING ON TWO DIFFERENT BANDS

(51) International classification :H01P1/06,H01P1/16
(31) Priority Document No :AP2010A000011
(32) Priority Date :03/08/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2011/003800
Filing Date :28/07/2011
(87) International Publication No :WO 2012/016665
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MALASPINA Vincenzo
3)PANICHI Paolo

(57) Abstract :
Power dual band rotary joint simultaneously operating on two frequency bands A and B made up of a couple of transducers each between two rectangular waveguides respectively operating on bands A and B and a nested coaxial waveguide. The nested coaxial waveguide is made up of two concentric cylindric waveguides. The transducers are conceived in such a way that only modes with azimuthal symmetry are excited. The nested coaxial waveguide dimensions are chosen so that on band B the TM01 mode can propagate in the circular waveguide delimited by the internal surface of the smaller cylinder. The external surface of the smaller cylinder is the internal conductor of the coaxial working on band A while the internal surface of the bigger cylinder is the external conductor of the same coaxial. The two transducers are connected through the nested waveguide. This connection system also contains a mechanism making possible that each transducer can rotate with respect to the other as well as two chokes necessary to restore the electromagnetic continuity cut off by the breaks. As the symmetry of the modal transducers makes possible the excitation of the only TM01 modes on band B and TEM modes on band A and that other modes though above cutoff are not excited at all it allows that the electromagnetic behaviour is quite independent from the rotation angle of the rotary joint.

No. of Pages : 21 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013
(21) Application No.522/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DRIER

(51) International classification :f25j
(31) Priority Document No :10 2010 024 840.1
(32) Priority Date :23/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/002831
Filing Date :09/06/2011
(87) International Publication No :WO 2011/160778
(61) Patent of Addition 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)BRUCKNER Dietmar

(57) Abstract :
The invention relates to a drier (1) for drying objects in particular painted vehicle bodies or add on parts comprising a drier chamber (11) inside a drier housing (2) in a known manner. An inner atmosphere having a temperature that is elevated relative to the outer atmosphere is present in the drier chamber. An inlet lock (7) and an outlet lock reduce the inflow of the outer atmosphere into the drier chamber (11) and the outflow of the inner atmosphere into the outer atmosphere. The inlet lock (7) comprises a first air curtain (8) which extends over the entire width of the inlet lock (7) and which runs upward and a second air curtain (9) which is behind the first air curtain (8) in the direction of motion of the objects and which extends over the entire width of the inlet lock (7) and which runs downward. The outlet lock is designed substantially identically to the inlet lock (7) wherein however the objects first pass through an air curtain directed downward and then pass through an air curtain directed upward. The conveyor system is advantageously designed in such a way that the objects are moved continuously and at a substantially constant height through the entire drier housing (2). Said drier (1) is cheaper to produce and operate than traditional driers that use locks as A-.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.394/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR LINKING POINT OF CARE RAPID DIAGNOSTIC TESTING RESULTS TO LABORATORY BASED METHODS

(51) International classification :C12Q1/24,G01N33/53,C12Q1/68
(31) Priority Document No :61/366076
(32) Priority Date :20/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044674
Filing Date :20/07/2011
(87) International Publication No :WO 2012/012527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CARRINO John J.
2)FAN James

(57) Abstract :
A method for using a single sample suspected of containing a microorganism for both a local rapid test immunoassay and a remote laboratory test. The sample is collected from a patient at a physician s office or from the environment to be tested. The sample is collected using a swab or other implement combined with a rapid test processing reagent and a portion of the processed sample is used for the local rapid test. The rapid test processing reagent typically consists of a buffer a salt and a detergent and is compatible with the local rapid test immunoassay. Only a portion of the processed sample is used for the local rapid test leaving a remaining portion of the processed sample to be used in a remote laboratory assay. At least some of the remaining portion of the processed sample is combined with a stabilization agent that preserves at least the nucleic acid in the processed sample for the remote laboratory assay.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.433/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ADHESIVE EXTRUSION FOR DYNAMICALLY VULCANIZED THERMOPLASTIC ELASTOMER LAMINATES

(51) International classification :B29C47/06,B32B25/08,B32B27/26
(31) Priority Document No :12/838076
(32) Priority Date :16/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/036099
Filing Date :11/05/2011
(87) International Publication No :WO 2012/009044
(61) Patent of Addition 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)CARAWAY Gregory S.
2)SHANNON Porter C.
3)SILVA Adriana S.

(57) Abstract :
A coextrusion process for coextruding a thermoplastic elastomer with two outer layers of adhesive to form a film and a laminate comprising a plurality of layers including an adhesive layer a sublayer and a barrier layer. The barrier layer comprises a dynamically vulcanized thermoplastic elastomer composition present in one or more plies of the barrier layer. The sublayer comprises a first ply of a first adhesive composition joining the barrier layer and a second ply and the adhesive layer comprises the second ply which is vulcanizable with diene based rubber. The sublayer of the adhesive can be laid down in contact with the relatively hot thermoplastic elastomer to moderate the temperature of the outer layer of the adhesive whereby the outer layer of the adhesive at least is protected from scorching and can be co vulcanized with rubber in a tire building process.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.500/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONSUMPTION INDICATION SYSTEM FOR A VEHICLE

(51) International classification :G01F9/02,G01C22/00,B60R16/023
(31) Priority Document No :10 2010 038 539.5
(32) Priority Date :28/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/058836
Filing Date :30/05/2011
(87) International Publication No :WO 2012/013392
(61) Patent of Addition to Application Number :NA
Filing 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 Wei Chia

(57) Abstract :
The invention relates to a consumption indication system (1) for a vehicle, in particular motor vehicle, having at least one display (2) for representing consumption information, having means (4) for capturing the current energy consumption of the vehicle, having a computing unit (3) for producing the consumption information to be represented on the display (2) as a function of the captured energy consumption and having a navigation system (10) connected to the computing unit (3). Provision is made here for the computing unit (3) to store, and to indicate if needed on the display (2), at least one start-point and target-point pair captured by the navigation system (10) and/or the respectively travelled distance and also at least one consumption value captured in each case between start point and target point.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.526/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DRILL BITS WITH ANTI TRACKING FEATURES

(51) International classification :E21B10/14,E21B10/16
(31) Priority Document No :61/359606
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042437
Filing Date :29/06/2011
(87) International Publication No :WO 2012/006182
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BUSKE Robert J.
2)BRADFORD John F.

(57) Abstract :
Drill bits (11) with at least two roller cones (21) of different diameters and/or utilizing different cutter pitches in order to reduce bit tracking during drilling operations are described. In particular earth boring drill bits are provided the bits having two or more roller cones and optionally one or more cutter blades (19) the bits being arranged for reducing tracking by the roller cone teeth during operation by adjusting the teeth spacing cone pitch angle and/or the diameter of one or more of the cones. These configurations enable anti tracking behavior and enhanced drilling efficiency during bit operation.

No. of Pages : 57 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.409/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL FORMULATION OF PEGYLATED LIPOSOME ENCAPSULATED GLYCOPEPTIDE ANTIBIOTICS

(51) International classification :A61K9/127
(31) Priority Document No :61/356601
(32) Priority Date :19/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041053
Filing Date :20/06/2011
(87) International Publication No :WO 2011/160110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PUMERANTZ Andrew
2)BETAGERI Guru
3)WANG Jinghua Jeffrey

(57) Abstract :
This invention is directed to a novel method of treating an individual suffering from a bacterial infection such as bacterial infections of various tissues or organs of an individual. In general the method of treatment involves administering to an individual a pharmaceutical formulation that comprises a liposome encapsulated antimicrobial agent wherein polyethylene glycol (PEG) molecules are covalently attached to the surface of the liposomes.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.436/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR SHAPING A FLAT WORKING MATERIAL INTO A COMPOSIT PRODUCT

(51) International classification :B29C70/44
(31) Priority Document No :61/357799
(32) Priority Date :23/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041648
Filing Date :23/06/2011
(87) International Publication No :WO 2011/163486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENTEX CORPORATION
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(72)**Name of Inventor :**
1)MONFORTE Gregory M.
2)BURKE David James
3)MADDEN Matthew

(57) Abstract :
The present application discloses a method of shaping a working material (12) into an article consisting of two primary stages: (a) in the absence of added heat consolidating and shaping the working material into a pre form shape using a dynamic hydroforming process that employs a rigid male shaped tool (32) and a non rigid female shaped tool (23 24 26); and (b) in the presence of added heat further consolidating and shaping the working material into the final shape using at least one additional rigid forming tool (50).

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.463/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CHEMICAL PROCESSES FOR THE MANUFACTURE OF SUBSTITUTED BENZOFURANS

(51) International classification :C07D307/86
(31) Priority Document No :2010903175
(32) Priority Date :16/07/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000900
Filing Date :15/07/2011
(87) International Publication No :WO 2012/006686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIONOMICS LIMITED
Address of Applicant :31 Dalgleish Street Thebarton South Australia 5031 Australia
(72)**Name of Inventor :**
1)FLYNN Bernard Luke

(57) Abstract :
The present invention relates to the scaled up synthesis of biologically active compounds which display useful therapeutic activity in treating proliferative disorders. In particular the invention relates to process methods for the kilogram scale synthesis of a particular class of substituted benzofuran tubulin polymerisation inhibitors.

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.489/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS FOR COMPRESSING AND EXPANDING A GAS

(51) International classification :F01K7/00,F01K13/02,F01B29/04
(31) Priority Document No :1012743.9
(32) Priority Date :29/07/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051435
Filing Date :27/07/2011
(87) International Publication No :WO 2012/013978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOWES Jonathan Sebastian
2)MACNAGHTEN James

(57) Abstract :
An apparatus (10) for compressing and expanding a gas comprises a chamber (22) a positive displacement device (24) moveable relative thereto first and second valves (26 28) activatable to control flow of gas into and out of the chamber (22); and a controller (80) for controlling activation of the valves (26 28) that selectively switches operation between a compression and an expansion mode with selective switching between modes being achieved by selectively changing the activation timing of at least one of the valves during the first mode. An energy storage system comprising the device may be operatively coupled via a rotary device for power transmission to an input/output device whereby the direction and speed of rotation are preserved during switching and the input/output device may be synchronised to the grid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.529/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS FOR DISPENSING ABSORBENT SHEET PRODUCTS AND METHOD FOR MODIFYING SUCH APPARATUS

(51) International classification :A47K10/36,B65H35/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/059712
Filing Date :07/07/2010
(87) International Publication No :WO 2012/003865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PERSSON Daniel

(57) Abstract :
An apparatus for dispensing absorbent sheet produces (16) comprises a store (14) with an absorbent web (16) which is to be dispensed a conveying means (18) with at least one conveying element (20 22) for feeding the absorbent web (16) and means (24) for severing the web (16) so as to form absorbent sheet products. The apparatus further comprises means (34; 34a 34b 34cf 34d) for collecting electrical charges caused by static electricity means (38) for directing electrical charges to another element within the apparatus (10) for dispensing and means (40; 44; 46) for neutralising or consuming the electrical charges.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1531/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CARBON FIBER SUBSTRATES HAVING CARBON NANOTUBES GROWN THEREON AND PROCESSES FOR PRODUCTION THEREOF

(51) International classification :C01B31/00
(31) Priority Document No :61/385532
(32) Priority Date :22/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051458
Filing Date :13/09/2011
(87) International Publication No :WO 2012/040004
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MALET Brandon K.
2)SHAH Tushar K.

(57) Abstract :
Processes for growing carbon nanotubes on carbon fiber substrates are described herein. The processes can include depositing a catalyst precursor on a carbon fiber substrate optionally depositing a non catalytic material on the carbon fiber substrate and after depositing the catalyst precursor and the optional non catalytic material exposing the carbon fiber substrate to carbon nanotube growth conditions so as to grow carbon nanotubes thereon. The carbon nanotube growth conditions can convert the catalyst precursor into a catalyst that is operable for growing carbon nanotubes. The carbon fiber substrate can remain stationary or be transported while the carbon nanotubes are being grown. Optionally the carbon fiber substrates can include a barrier coating and/or be free of a sizing agent. Carbon fiber substrates having carbon nanotubes grown thereon are also described.

No. of Pages : 51 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/01/2013

(21) Application No.325/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NAVIGATION DEVICE & METHOD

(51) International classification :G01C21/34
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/058570
Filing Date :17/06/2010
(87) International Publication No :WO 2011/157296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GEELEN Pieter
2)EISENBERG Jacob

(57) Abstract :
Embodiments of the present invention relate to a route planning device (200;302) comprising a storage section (230;308) storing map information the map information including information identifying a plurality of potential positions each potential position corresponding to a position at which a location of a predetermined type might potentially be found; and a search route module (490) arranged to determine a search route visiting at least one of the potential positions the determination of the search route using a predetermined efficiency measure based on likelihood of finding a location of the predetermined type.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.507/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ACOUSTIC REFLECTORS

(51) International classification :G10K11/20
(31) Priority Document No :1011939.4
(32) Priority Date :16/07/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051298
Filing Date :11/07/2011
(87) International Publication No :WO 2012/007742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)TULLOCH Andrew Malcolm

(57) Abstract :
An acoustic reflector primarily for underwater use comprising a shell surrounding a core in which holes are provided in the shell to allow air and water freely to enter and leave the interior of the shell when the reflector is immersed in water. Various embodiments are described including the use of a metal shell matched to a water core the use of a mounting bar provision of a frame to reflect acoustically alpha numeric characters a soluble plug to delay operation of the reflector and coating the reflector with polyurethane to limit damage. Also proposed is a pulse pattern to improve the identification of an acoustic reflector in some circumstances. Designs of reflectors particularly suitable for use with the relatively low frequency sonars found in the fishing industry with an aluminium or aluminium alloy shell are described as are reflectors with a non metal shell suitable for use with the higher frequency sonars in the underwater exploration industry. The reflectors can be spherical toroidal ovoid or cylindrical provided that they have at least on circular cross section. A particularly important development with the current invention is the ability to mark and trace underwater non ferromagnetic pipes.

No. of Pages : 47 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.533/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VAPOR LIQUID HEAT AND/OR MASS EXCHANGE DEVICE

(51) International classification :F28C3/08
(31) Priority Document No :61/372213
(32) Priority Date :10/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047304
Filing Date :10/08/2011
(87) International Publication No :WO 2012/021658
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GARIMELLA Srinivas
2)DELAHANTY Jared Carpenter
3)NAGAVARAPU Ananda Krishna

(57) Abstract :
The invention is directed toward a vapor liquid heat and/or mass exchange device that can be used in an integrated heat and/or mass transfer system. To achieve high heat and mass transfer rates optimal temperature profiles size reduction and performance increases appropriately sized flow passages with microscale features and countercurrent flow configurations between working fluid solution vapor stream and/or the coupling fluid in one or more functional sections of the desorber are implemented. In one exemplary embodiment of the present invention a desorber section utilizes a heating fluid flowing in a generally upward direction and a concentrated solution flowing in a generally downward direction with gravity countercurrent to the rising desorbed vapor stream. To further increase the efficiency of the system various types of column configurations can be used. Additionally the surfaces of the microchannels can be altered to better transfer heat.

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

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

(21) Application No.360/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THERMAL MANAGEMENT SYSTEMS FOR SOLID STATE LIGHTING AND OTHER ELECTRONIC SYSTEMS

(51) International classification :F21V29/02,F21K99/00,F04B43/04
(31) Priority Document No :61/376866
(32) Priority Date :25/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048710
Filing Date :23/08/2011
(87) International Publication No :WO 2012/027307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WEAVER Stanton Earl Jr.
3)KUENZLER Glenn Howard
4)ARIK Mehmet
5)ALLEN Gary Robert
6)NALL Jeffrey Marc

(57) Abstract :
An apparatus is provided including at least one electronic component. The apparatus also includes an enclosure enclosing the at least one electronic component. The enclosure includes at least one wall defined by a membrane. The apparatus further includes a piezoelectric actuator that is fixed at a first end and rigidly attached to the membrane at a second end. Application of alternating current to the piezoelectric actuator generates a pulsating mechanical deformation of the membrane.

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.416/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PREPARING GRAFTED POLYMERS WITHOUT AN INITIATOR OR SOLVENT AND BITUMEN/POLYMER COMPOSITIONS INCLUDING SAID GRAFTED POLYMERS

(51) International classification :C08C19/20,C08L95/00
(31) Priority Document No :10 55 674
(32) Priority Date :12/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/IB2011/053060
Filing Date :08/07/2011
(87) International Publication No :WO 2012/007889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOTEL Romuald
3)ILIOPOULOS Ilias
4)LEIBLER Ludwik
5)ZOVI Ornella Annabelle

(57) Abstract :
The present invention relates to a process for preparing graft polymers from a polymer based on conjugated diene units and a grafi which is a thiol derivative. The process is characterized by the absence of solvent and any radical initiator. The graft polymer can advantageously be used as additive for a bitumedpolymer composition and in particular permits thermoreversible cross-linking.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.430/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND DEVICES PROPOSED FOR THE IMPACT ON THE CARDIOVASCULAR SYSTEM

(51) International classification :A61M1/10,A61H9/00,A61H31/00
(31) Priority Document No :2010127469
(32) Priority Date :06/07/2010
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2011/000487
Filing Date :05/07/2011
(87) International Publication No :WO 2012/005630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUDAREV Aleksey Monesovich

(57) Abstract :
The group of inventions provide an effective improvement of the blood flow in the vessels of the extremities due to generation of an antegrade pressure wave of the blood synchronized with phases of the cardiac cycle with the help of compression impulses. The devices provide an improved accuracy of generation of the time and amplitude characteristics of the compression impulses and functioning in modes of generation both the antegrade wave and external counterpulsation.

No. of Pages : 33 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.510/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LONGITUDINAL ADJUSTMENT DEVICE WITH A RAIL GUIDE FOR A VEHICLE SEAT

(51) International classification :F16C29/04,F16C33/46,F16C33/54
(31) Priority Document No :10 2010 027 480.1
(32) Priority Date :16/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061974
Filing Date :13/07/2011
(87) International Publication No :WO 2012/007513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WERNER Hans Georg
2)GROSS Bernd
3)HESTERBERG Joshua

(57) Abstract :
The invention relates to a longitudinal adjustment device for a vehicle seat, comprising at least one rail guide (1 to 11111) with at least one upper rail (2 to 21111) and a lower rail (3 to 31111), wherein the upper rail (2 to 21111) and lower rail (3 to 31111) are mounted movably relative to each other. via a bearing (L) . According to the invention, a roller cage (13) is provided as the bearing (L) between the upper rail (2 to 21111) and lower rail (3 to 31111), wherein, in the roller cage (13) , rollers (14) are arranged inclined at a predetermined angle with respect to the horizontal plane of the rails (2 to 21111, 3 to 31111) or transversely with respect to the running direction of the rails (2 to 21111, 3 to 31111) .

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.535/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SCREENING DEVICE AND METHOD OF SCREENING

(51) International classification :B07B1/04,B07B4/08,B03B4/06
(31) Priority Document No :10167888.6
(32) Priority Date :30/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/001512
Filing Date :28/06/2011
(87) International Publication No :WO 2012/001491
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SORHUUS Anders Kenneth

(57) Abstract :
A screening device (1) comprises a first compartment (3) for receiving solid particulate material a second compartment (5) for receiving screened particulates from said first compartment (3) a perforated wall (7) separating the first (3) and second (5) compartments from each other for screening the solid particulate material into at least two particulate size dependent fractions and a gas permeable layer (21) for fluidization of particulates in said first compartment (3). The first compartment (3) is provided with a solid particulate material inlet (9) located at a first end (22) of screening device (1) and a particulate material outlet (1 1) located at a second end (24) of screening device (1) with perforated wall (7) extending from first end (22) to second end (24) of screening device (1) enabling simultaneous transport and screening of at least a portion of said solid particulate material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.444/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESSES FOR PRODUCING 4 BROMO 2 METHOXYBENZALDEHYDE

(51) International classification :C07C45/64,C07C45/81,C07C47/575
(31) Priority Document No :61/364599
(32) Priority Date :15/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042738
Filing Date :01/07/2011
(87) International Publication No :WO 2012/009173
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GIARD Thierry J.
2)MUTTERER Vincent L.
3)DURVAUX Christophe

(57) Abstract :
A new synthesis of 4 bromo 2 methoxybenzaldehyde is reported from 1 4 dibromo 2 fluorobenzene. First 2 fluoro 4 bromobenzaldehyde is prepared through metal halogen exchange and formylation with a formyl source at 0 °C. After crystallization this intermediate is reacted with methanol in the presence of potassium carbonate. Subsequently 4 bromo 2 methoxybenzaldehyde is crystallized.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.458/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLEXIBLE INSULATED DOOR PANELS WITH INTERNAL BAFFLES

(51) International classification :E06B9/13
(31) Priority Document No :12/843538
(32) Priority Date :26/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042947
Filing Date :05/07/2011
(87) International Publication No :WO 2012/015564
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UNGS Mark
2)MANICH Glenn R.

(57) Abstract :
An example of a vertically operating door includes a flexible panel comprising two pliable sheets of material with a plurality of pads or mats of thermal insulation between the two sheets. In some examples a plurality of horizontally elongate baffles made of pliable strips of material are installed between the two sheets. The baffles effectively divide one large interior volume between the sheets into more manageable smaller volumes or chambers. The baffles restrict the air between the sheets from being forced to the bottom of the panel as the panel ascends and bends across an overhead roller. Without the baffles and smaller chambers the panel sheets in the area near the bottom of the panel would tend to bulge outward as the door opens.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.468/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FOOD COMPOSITIONS HAVING A REALISTIC MEAT LIKE APPEARANCE AND TEXTURE

(51) International classification :A23K1/10
(31) Priority Document No :61/399520
(32) Priority Date :13/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001179
Filing Date :05/07/2011
(87) International Publication No :WO 2012/008994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOARE BROUX Karine
2)REYNES Pierre
3)GUFFEY Wendell Ray

(57) Abstract :
The invention provides novel food compositions having a realistic meat like appearance and texture. The compositions comprise from about 50 to about 98% functional proteins from about 0.05 to about 2% of one or more cross linking agents and from about 2 to about 50% of one or more humectant plasticizers. The compositions are produced by heating a preconditioned mixture of the food components under pressure and then expanding the heated composition to form the food composition.

No. of Pages : 25 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.511/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BATTERY POWERED MINING VEHICLE

(51) International classification :B62D63/00,B60P1/16,B60P1/00
(31) Priority Document No :12/840515
(32) Priority Date :21/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043862
Filing Date :13/07/2011
(87) International Publication No :WO 2012/012240
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OQUINN Roger L.
2)LOONEY Jeffrey D.

(57) Abstract :
A device for controllably supporting a battery includes an arm a first protrusion a second protrusion and a cylinder actuator. The arm has a compartment formed in the arm and an opening extending through the arm at a base of the compartment. The cylinder actuator includes a piston connected to a rod and is positioned substantially in the compartment of the arm. The rod extends toward the opening of the arm and the rod moves through the opening during operation of the cylinder actuator. Also the first protrusion extends from the arm in a first direction and the second protrusion extends from the arm in a second direction.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.536/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : REACTOR DEVICE

(51) International classification :H01F37/00,H01F27/24,H01F27/25
(31) Priority Document No :2010163021
(32) Priority Date :20/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065500
Filing Date :06/07/2011
(87) International Publication No :WO 2012/011389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NAKANOUE Kenji

(57) Abstract :
Disclosed is a reactor device which is provided with a yoke section incorporating an elliptical wire- wound iron core and an iron-core leg section having wire- wound iron cores stacked one on an other. The reactor device may have significantly deteriorated magnetic properties due to an abnormal current caused by a magnetic flux devel oped in the leg section. The short circuit of the abnormal current is cut by providing a cut portion from the center of the end surface of a wirewound iron core i n the leg section to the outer shape thereof and then insulating the cut portion. Use is made of a fixture jig to maintain the shape of the iron core even after the iron core has been cut, and at a fi nal stage, use is made of a band or tape for maintaining the shape. The band used for maintaining the shape is adapted to prevent a magnetic flux developed in the iron core from making one turn.

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.434/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MULTI LAYER GLASS SHEET MADE BY CO DRAWING USING THE OVERFLOW DOWNDRAW FUSION PROCESS

(51) International classification :C03B17/06,C03C17/02,C03C3/083
(31) Priority Document No :61/359409
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041316
Filing Date :22/06/2011
(87) International Publication No :WO 2012/005941
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BOOKBINDER Dana C.
2)HOUSE Keith Leonard
3)TANDON Pushkar

(57) Abstract :
Transparent glass sheets having increased mechanical strength include an inner layer surrounded by surface compressive layers wherein the difference of the coefficient of thermal expansion of the inner layer and the surface compressive layer is greater than 50x10 C and wherein the surface compressive layer has a compressive stress of at least about 300 MPa.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.460/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROTATIONAL SPEED DETECTION DEVICE AND VEHICLE SPEED DETECTION SYSTEM

(51) International classification :B62J99/00,G01P1/04,G01P3/487
(31) Priority Document No :2010160921
(32) Priority Date :15/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063652
Filing Date :15/06/2011
(87) International Publication No :WO 2012/008257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SUYAMAYuki

(57) Abstract :
Provided i s a rotational speed detection device and a vehicle speed detection system which can b e easily mounted t o a two -wheeled vehicle. A rotational speed detection device (40a) i s provided with: a connection shaft (402) connected t o a shaft (340) adapted for connection with the connection shaft (402), the shaft (340) being formed integrally with a driven gear meshing with a gear which rotates as a wheel shaft o f the two -wheeled vehicle rotates; and a magnetism detection means (409) for emitting a rotation signal t o an instrument as the connection shaft (402) rotates. The shaft (340) i s rotatably supported b y an extension sec tion (300) o f a hub (30), and the connection terminal (405) o f the rotational speed detection device (40a) i s fitted in a connection hole (302) formed i n the extension section (300).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.471/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING A MOMENTARY TORQUE OF AN ELECTRONICALLY SWITCHED ELECTRIC MACHINE AND FOR REGULATING THE AVERAGE TORQUE

(51) International classification :H02P23/00,H02P21/14,H02P27/04
(31) Priority Document No :10 2010 031 435.8
(32) Priority Date :16/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/061671
Filing Date :08/07/2011
(87) International Publication No :WO 2012/007396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FRICKER David
2)KNECHT Gerhard

(57) Abstract :
The invention relates to a method for determining an actual torque of a multiphase electric machine (2), said electric machine (2) being controlled by means of a driver circuit (3), whereby phase voltage or phase potential profiles are applied to phases of the electric machine (2), said method comprising the following steps: the received electric power (Pei) and the ohmic power loss of the electric machine (2) is determined; the mechanical power (PMech) provided by the electric machine (2) is determined by a power balance according to the received electric power and the ohmic losses; and the actual torque (Mist) is determined on the basis of the determined mechanical power (Piviech)-

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.486/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A DEVICE AND METHOD FOR SUBCUTANEOUS DIVERSION OF BILE

(51) International classification :c12m
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/060269
Filing Date :16/07/2010
(87) International Publication No :WO 2012/007045
(61) Patent of Addition 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)ALBRECHT Thomas Edward
3)HESS Christopher J.
4)ZEINER Mark S.
5)ORTIZ Mark Steven
6)PASTORELLI Alessandro
7)DARCANGELO Michele
8)BILOTTI Federico

(57) Abstract :
A device (11) for diverting biliary fluid from a biliary fluid flow path (7 8 21) to a target location in the intestine (4) comprises a catheter (13) with a conduit section (26) extending between a proximal end portion (14) and a distal end portion (17) wherein the proximal end portion (14) is adapted for percutaneous placement in the biliary fluid flow path (7 8 21) and the distal end portion (17) is adapted for transcutaneous tunnelization through the abdominal wall (1) and for percutaneous insertion in a target section of small intestine. The device comprises further distal fixating means (19 20) connected to the distal end portion (17) and adapted to immobilize the target section of small intestine with respect to the abdominal wall (1) and to the catheter distal end portion (17).

No. of Pages : 23 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.539/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITIONS AND METHODS COMPRISING SEQUENCES HAVING HYDROXYPHENYLPYRUVATE DIOXYGENASE (HPPD) ACTIVITY

(51) International classification	:C12N15/82,C12Q1/68,G01N33/573
(31) Priority Document No	:61/401456
(32) Priority Date	:13/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/047553 :12/08/2011
(87) International Publication No	:WO 2012/021785
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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3)CASTLE Linda A.
4)DONG Yuxia
5)HECKERT Matthew J.
6)HOU Jingtong
7)HOU Zhenglin
8)LU Jian
9)SIEHL Daniel L.
10)TAO Yumin

(57) Abstract :
Compositions and methods comprising polynucleotides and polypeptides having 4 hydroxyphenylpyruvate dioxygenase (HPPD) activity and having insensitivity to an HPPD inhibitor are provided. Further provided are nucleic acid constructs plants plant cells explants seeds and grain having the HPPD sequences. Various methods of employing the HPPD sequences are provided. Such methods include for example methods for producing an HPPD inhibitor tolerant plant plant cell explant or seed and methods of controlling weeds in a field containing a crop employing the plants and/or seeds disclosed herein. Methods are also provided to identify additional HPPD variants. Further provided are various methods and compositions that allow the various HPPD polypeptides and variant and fragments thereof to be expressed in a chloroplast or transported to a chloroplast.

No. of Pages : 336 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.455/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : USE OF LACTOBACILLI INHIBITING GAS PRODUCING COLIFORM BACTERIA ISOLATED FROM INFANTS AFFECTED BY COLIC

(51) International classification :c12n
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2010/001554
Filing Date :28/06/2010
(87) International Publication No :WO 2012/001440
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROBIOTICAL S.P.A.
Address of Applicant :Via Mattei 3 I 28100 Novara (NO) Italy
(72)**Name of Inventor :**
1)SCATIZZI Gianna

(57) Abstract :
The present invention relates to a composition comprising two probiotic strains of bacteria capable of performing an antioxidant and/or antibacterial and competitive action against species of coliform bacteria that produce gas by fermentation of sugar in particular lactose isolated from infants affected by colic.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.467/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR SENSING A CAPSULE IN A BEVERAGE PRODUCTION APPARATUS

(51) International classification :A47J31/06,A47J31/52,A47J31/36
(31) Priority Document No :10170042.5
(32) Priority Date :19/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/061913
Filing Date :13/07/2011
(87) International Publication No :WO 2012/010470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)KAESER Stefan
3)PERENTES Alexandre

(57) Abstract :
The invention aims to provide a device sensing a capsule (2) inserted in a receptacle (1) in machine and physical parameters of liquid supplied by a beverage production apparatus flowing through the capsule in function of the type of capsule. The capsule containing beverage ingredient is inserted in a cylindrical or conical wide mouthed receptacle having an upper opening for inserting the capsule and a lower bottom closing the receptacle. The receptacle rotates around an axis of a hollow shaft (3) attached at the center and perpendicularly to the external face of the bottom of the receptacle said shaft forming a hole at the center of the inner face of the bottom of the receptacle. The device comprises a rod sliding in the shaft and passing through the hole of the inner face of the bottom of the receptacle said rod (4) being provided with a spring maintaining an end of the rod lifted inside the receptacle in contact with the capsule the other end being inside the shaft. The device further comprising means for measuring the position of the end of the rod in the shaft in order to control in function of the size of the capsule inserted in the receptacle rotation speed of the receptacle discharge and physical parameters of liquid supplied by the beverage production apparatus flowing through the capsule.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.480/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : REDUCTION OF PARTICULATES IN GAS STREAMS

(51) International classification :B03C3/013
(31) Priority Document No :61/365029
(32) Priority Date :16/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043026
Filing Date :06/07/2011
(87) International Publication No :WO 2012/009189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LANDRETH Ronald R.
2)NELSON Sidney G. Jr.

(57) Abstract :
This invention provides methods for reducing a spark rate and/or increasing the voltage in a cold side electrostatic precipitator through which a particulate containing gas stream is directed wherein said electrostatic precipitator has a spark rate and a voltage. The methods comprise injecting an amount of a halogenated carbonaceous substrate formed from a carbonaceous substrate and an elemental halogen and/or a hydrohalic acid into the particulate containing gas stream upstream of the electrostatic precipitator such that the spark rate decreases by about 40% or more and/or such that the voltage can be increased by about 20% or more than when said halogenated carbonaceous substrate is not injected.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.544/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL POWER DISTRIBUTION TRACK SYSTEM

(51) International classification :H01R13/447,H01R9/00,H01R13/60
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SG2010/000267
Filing Date :15/07/2010
(87) International Publication No :WO 2012/008917
(61) Patent of Addition 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)LENG It Seng

(57) Abstract :
An electrical power distribution housing (100) has an elongate opening (104) intended to allow the adapters/plugs (1400) to be inserted to receive electrical power at any point along the housing. A springleaf assembly (300) is mounted adjacent to the elongate opening (104) and extend to close the elongate opening (104) during a non use situation. A safety grounding plate (200) is mounted on top of the springleaf assembly (300). Power conductors comprising multiple clips (402) are mounted conductor compartments (102) within the housing (100). When an adapter/plug (1400) is inserted into the housing (100) through the elongate opening (104) limbs (1001) will force the corresponding springleaf (301) to open by flexing it onto a springleaf profile (101). The adapter/plug (1400) rotates to closed position to slide a contact (807) into engagement with a corresponding contact (402) of the power conductor. When the adapter/plug (1400) rotates to an open position and is removed from the elongate opening (104) the corresponding springleaf (301) will return and to close the elongate opening (104).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.545/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND RADIO NETWORK CONTROL FOR TRACKING THE INTERNATIONAL MOBILE STATION EQUIPMENT IDENTITY OF USER EQUIPMENT

(51) International classification :H04W24/00
(31) Priority Document No :201010211050.6
(32) Priority Date :28/06/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/074808
Filing Date :27/05/2011
(87) International Publication No :WO 2012/000361
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LI Qun
2)ZHAO Minghe

(57) Abstract :
The invention discloses a method for tracking the International Mobile station Equipment Identity (IMEI) of a User Equipment (UE).The method includes the following steps: when a Radio Network Control (RNC) i s setting up Radio R e source Control (RRC) connection with the UE, after users call signaling connection succeeds, the RNC obtains IMEI of U E from U E identity response message, which responses t o the non access stratum identity request message (SI 1). The RNC saves the ob tained IMEI to a user log generated during the process of U E calling (SI 2). A t the same time, the invention discloses the RNC for tracking the IMEI of the UE. Application of the method and the RNC of the invention can solve the problem that the RNC can not obtain IMEI information directly, thereby enabling the network operation analysis system to track the specific details of IMEI ac cording to user calling log, where the specific details reflect every calling of the different types of terminal equipments, t o statisti cally analyze the key performance indicator based on terminal type grouping.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.1541/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITIONS COMPRISING PAULOWNIN AND/OR PAULOWNIA EXTRACTS AND USES THEREOF

(51) International classification :A61K8/97
(31) Priority Document No :12/859322
(32) Priority Date :19/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048081
Filing Date :17/08/2011
(87) International Publication No :WO 2012/024399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAHMOOD Khalid
3)SALIOU Claude
4)SOUTHALL Michael

(57) Abstract :
Paulownia Provided are compositions comprising botanical extracts from certain species of the genus methods of lightening the skin therewith and other uses thereof. Also provided are compositions comprising the compound paulownin methods of lightening the skin therewith and other uses thereof.

No. of Pages : 68 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.493/DELNP/2013 A
(43) Publication Date : 10/10/2014

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

(51) International classification :C07C22/02,C07C17/25,C07C23/08
(31) Priority Document No :10173992.8
(32) Priority Date :25/08/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/064381
Filing Date :22/08/2011
(87) International Publication No :WO 2012/025489
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FABER Dominik
3)ROBINSON Alan James
4)SHAW Andrew Charles

(57) Abstract :
The invention relates to a process for the preparation of formula (I) which process comprises pyrolysing a compound of formula (II) wherein X is chloro or bromo and to compounds which may be used as intermediates for the manufacture of the compound of formula I and to the preparation of said intermediates.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.508/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ONLINE MARKETPLACE SYSTEM AND METHOD

(51) International classification :G06Q40/00,G06Q30/00
(31) Priority Document No :12/816616
(32) Priority Date :16/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040655
Filing Date :16/06/2011
(87) International Publication No :WO 2011/159875
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JAGARLAPUDI Shastri Seshachala

(57) Abstract :
A computerized online marketplace that facilitates the acquisition of funding and services for the development and operation of an online business. It provides a variety of investment opportunities for investors and facilitates an entrepreneur s acquisition of capital as well as skills and services needed to start an online business. Possible investment channels for potential investors comprise: money; skills; and services. Investors are awarded investment points for monetary and non¬ monetary investments and are compensated according to their points. Monetary compensation is awarded periodically to investors according to their rank in relation to the respective investor base of a given business entity. Businesses are hosted at the online marketplace and all aspects of investment and operations are managed through the marketplace thereby facilitating interactions between all parties involved in business initiation development and operation including customers.

No. of Pages : 65 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.487/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AN APPARATUS AND METHOD FOR DIVERTING BILIOPANCREATIC JUICES DISCHARGED INTO A PATIENT S INTESTINAL TRACT

(51) International classification :c12m
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/060278
Filing Date :16/07/2010
(87) International Publication No :WO 2012/007048
(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)STOKES Michael J.
7)HESS Christopher J.

(57) Abstract :
An apparatus (11) for diverting biliopancreatic juices discharged into a patient s intestinal tract comprising a tubular member (12) having an internal food isolating space (13) and a proximal sealing portion (14) a laterally open bile isolating cavity (19) configured to define together with an adjacent portion of intestinal wall a bile isolating space (19) a food sleeve portion (21) extending distally from the flexible tubular member (12) a bile diversion conduit (24) extending from the bile isolating cavity (19) in a distal direction and having a distal open bile conduit end (25).

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.501/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL FUSED PYRIMIDINE DERIVATIVES FOR INHIBITION OF TYROSINE KINASE ACTIVITY

(51) International classification	:C07D495/04,C07D409/12,A61K31/4365
(31) Priority Document No	:1020100059686
(32) Priority Date	:23/06/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2011/004482 :20/06/2011
(87) International Publication No	:WO 2011/162515
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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7)KWAK Eun Joo
8)LEE Kwang Ok
9)HA Tae Hee
10)SUH Kwee Hyun
11)KIM Maeng Sup

(57) Abstract :
The present invention relates to a novel fused pyrimidine derivative having an inhibitory activity for tyrosine kinases, and a pharmaceutical composition for preventing or treating cancers, tumors, inflammatory diseases, autoimmune diseases, or immunologically mediated diseases comprising same as an active ingredient.

No. of Pages : 134 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.527/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SEAL ASSEMBLY

(51) International classification :B21B31/07,F16J15/32
(31) Priority Document No :12/841777
(32) Priority Date :22/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041555
Filing Date :23/06/2011
(87) International Publication No :WO 2012/012077
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCIALABBA Joseph N.
3)TITUS David G.

(57) Abstract :
A seal assembly is disclosed for use between a housing and a rotatable shaft (10) protruding exteriorly from the housing with the shat being journalled for rotation in an eccentric cartridge which in turn is rotatably adjustable. The seal assembly comprises a circular flinger (30) mounted on the shaft for rotation therewith. The flinger has radially outwardly projecting flanges defining an axial space therebetween. A seal carrier (40) surrounds the flinger and has axially spaced first and second inner rims projecting radially inwardly into the space between the flanges of the flinger. Ring seals (42) are carried by the seal carriers. The inner rims are resiliently urged to maintain the ring seals in contact with the flinger flanges

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.445/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HOT ROLLED STEEL SHEET COLD ROLLED STEEL SHEET GALVANIZED STEEL SHEET AND PROCESSES FOR PRODUCING THESE

(51) International classification :C22C38/06,C22C38/38,C21D8/02
(31) Priority Document No :2010169230
(32) Priority Date :28/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067070
Filing Date :27/07/2011
(87) International Publication No :WO 2012/014926
(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-rolled steel sheet has an average value of the X-ray random intensity ratlo of a (100) <011> to (223) <110> orientation group at least in a sheet thickness central 5 portion that is in a sheet thickness range of 518 to 318 from a steel sheet surface of 1.0 to 6.0, an X-ray random intensity ratio of a (332) <113> crystal orientation of 1.0 to 5.0, rC I I which is an r value in a direction perpendicular to a rolling direction of 0.70 to 1.10, and I r30 which is an r value in a direction that forms an angle of 30 with respect to the rolling direction of 0.70 to 1.10.

No. of Pages : 205 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.470/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : XANTHENEDIONE DERIVATIVES FOR THE TREATMENT OF PIGMENTATION AND SKIN AGEING DISORDERS

(51) International classification :C07D311/82,A61K8/49,A61K31/352
(31) Priority Document No :1055595
(32) Priority Date :09/07/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/061637
Filing Date :08/07/2011
(87) International Publication No :WO 2012/004390
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to compound of generic formula (I) in which: R and R represent: OH a hydrogen atom a C C alkyl radical a C C alkoxy radical a halogen or OCOR; R represents: a C C alkyl radical a C C alkenyl radical comprising at least one unsaturation; R represents: COR a glucide substituted or not by one or more acetyl radical(s); R represents: a C C alkyl radical or a C C alkenyl radical comprising at least one unsaturation; R and R represent: simultaneously a hydrogen atom or a methyl radical or when R represents a hydrogen atom R represents a C C alkyl radical or a phenyl substituted or not by one or more C C alkoxy radical(s) or one or more halogen(s) or R and R are bonded together and form a C C cycloalkyl and pharmaceutically or cosmetically acceptable salts.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.525/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE TREATMENT OF PATHOLOGICAL CONDITION(S) RELATED TO GPR35 AND/OR GPR35 HERG COMPLEX

(51) International classification	:C07D207/34,C07D213/74,C07D307/52
(31) Priority Document No	:61/365861
(32) Priority Date	:20/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/044124 :15/07/2011
(87) International Publication No	:WO 2012/012278
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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5)NIU Weijun
6)SUN Haiyan

(57) Abstract :
Disclosed are compositions and methods for the prevention and/or treatment of diseases which are pathophysiologically related to GPR35 and/or GPR35 hERG signaling complex. For example disclosed are compounds for preventing and/or treating diseases which are pathophysiologically related to GPR35 in a subject.

No. of Pages : 191 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.549/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CORROSION CURRENT GENERATING METAL PARTICULATES AND USE THEREOF

(51) International classification :A61K33/30,A61K33/34,A61K33/38
(31) Priority Document No :61/367145
(32) Priority Date :23/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044646
Filing Date :20/07/2011
(87) International Publication No :WO 2012/012509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)PARRISH William R.
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(57) Abstract :
Metal particulates capable of generating low levels of corrosion current beneficial for pharmaceutical cosmetic and other medical uses are provided.

No. of Pages : 62 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.452/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONTINUOUS EXTRACTION MINING SYSTEM

(51) International classification :E21C41/00
(31) Priority Document No :61/362949
(32) Priority Date :09/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043412
Filing Date :08/07/2011
(87) International Publication No :WO 2012/006559
(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 material extraction system for an underground mine includes an elevated haulage conveyor extending between first and second ends of a roadway entry. The haulage conveyor is cantilevered from a mine wall and conveys material toward either end of the roadway entry. The system also includes a crusher including a drive operable to move the crusher along the roadway entry. The system further includes a bridge conveyor including a first end adjacent the crusher and receiving material from the crusher and a second end adjacent the elevated haulage conveyor and positioned for depositing material onto the elevated haulage conveyor. The bridge conveyor is moveable with the crusher along the roadway entry. The system also includes a loader moveable along the roadway entry and into and out of material collection entries to collect material therefrom and transport the material to the crusher.

No. of Pages : 37 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.505/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COOLING DEVICE FOR ENGINE

(51) International classification :F01P7/16,F01M1/06,F01M1/08
(31) Priority Document No :2011003476
(32) Priority Date :11/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/080499
Filing Date :28/12/2011
(87) International Publication No :WO 2012/096140
(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 n oil jet device for cooling a piston i s characterized in that the device comprises: an oil cooler (4) provided upstream of an oil ejection nozzle (8); an oil pump (5) provided upstream of the oil cooler (4); a first switching and adjusting valve (6) provided between the oil ejection nozzle (8) and the oil cooler (4) and adjusting the ratio at which cooling oil fixim the oil cooler (4) i s distrib uted t o the oil ejection nozzle (8) side and to the oil pan side; and a control unit having an oil amount adjusting map (41) for switching the first switching and adjusting valve (6) on the basis of a piston tem perature calculating map (20) for calculating the temperature of a piston (1) r om values respectively detected by a cooling water temperature sensor (35), a rotational speed sensor (36), and a load sensor (37).

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.542/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS FOR THE MANUFACTURE OF ACETALS AND KETALS AND THE ACETALS AND KETALS PRODUCED THEREBY

(51) International classification :C07D317/24,C07D317/12,C07D317/18
(31) Priority Document No :61/370365
(32) Priority Date :03/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046463
Filing Date :03/08/2011
(87) International Publication No :WO 2012/018939
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A method for producing a product that comprises glycerol ketal of ethyl levulinate or propylene glycol ketal of ethyl levulinate comprises reacting either glycerol or propylene glycol with ethyl levulinate in the presence of a homogenous or heterogeneous catalyst system in a reactor system. The ethyl levulinate and either glycerol or propylene glycol are heated to remove water polyol and excess ethyl levulinate. The excess ethyl levulinate and polyol is recycled back to the reactor. The product is distilled in a specific fashion and optionally treated by means of a stabilizing agent or acid species removal bed to obtain a composition comprising glycerol ketal of ethyl levulinate or propylene glycol ketal of ethyl levulinate wherein the composition comprises less than or equal to about 2 wt% contaminants.

No. of Pages : 66 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.465/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ADVANCED HEATING DEVICE

(51) International classification :A47J31/54
(31) Priority Document No :10169766.2
(32) Priority Date :16/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060588
Filing Date :24/06/2011
(87) International Publication No :WO 2012/007260
(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 beverage preparation machine comprises: a heater (1) for heating up a supply of liquid from a supply temperature to a beverage preparation temperature in particular an in line heater and/or a heat accumulation structure such as a thermoblock; and a control unit (2) for controlling said supply of liquid and the heater so that the heater is energised to reach and be maintained at an operative temperature (RUN) for heating up said supply of liquid to the beverage preparation temperature during beverage preparation. The control unit is further arranged so that the heater is energised to reach and be maintained at a reduced temperature (ECO) out of beverage preparation.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.506/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A DEVICE AND METHOD FOR DIRECTING BILE FROM THE GALLBLADDER IN THE INTESTINE

(51) International classification :A61B17/11,A61F5/00,A61M39/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/060275
Filing Date :16/07/2010
(87) International Publication No :WO 2012/007047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A device (11) for diverting bile from a gall bladder (8) to a portion of an intestine (3 4 5) comprises a first portion (12) adapted to be attached to a first lumen (13) of the biliary tree and gallbladder (7 8) a second portion (14) adapted to be attached to second lumen (15) of a portion of intestine (3 4 5) a bile conduit portion (16) connected with at least one of the first (12) and second portion (14) and adapted to define a flow path between the first lumen (13) and the second lumen (15) a unidirectional valve (17) arranged in the flow path of the bile conduit portion (16) and adapted to prevent a flow from the second lumen (15) to the first lumen (13).

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.543/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR PREVENTION LOSS OF ITEM AND PROMPT SEARCH THEREOF

(51) International classification :G08B21/24,G06K17/00
(31) Priority Document No :1020100071659
(32) Priority Date :23/07/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/001644
Filing Date :09/03/2011
(87) International Publication No :WO 2012/011648
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An apparatus for preventing loss of an item and quickly searching for the item includes a 5 slave configured to perform a function of a radio frequency identification (RFID) tag having unique identifier information in an internal tag memory; and a hand-held master configured to perform a fbnction of an RFID reader and change at least one of a recognition distance and a recognition width, at which the master recognizes the slave. Accordingly, when the distance between a user and an item is out of a predetermined 10 distance, a warning such as an alarm or voice is provided to the user, so that it is possible to prevent loss of the item in advance and quickly search for the item placed in a house whenever the userdesires the item.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.537/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : 2 3 5 TRISUBSTITUTED THIOPHENE COMPOUNDS AND USES THEREOF

(51) International classification	:C07D409/04,C07D409/14,C07D413/04
(31) Priority Document No	:61/366687
(32) Priority Date	:22/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2011/062545 :21/07/2011
(87) International Publication No	:WO 2012/010663
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The present invention provides a compound of formula (I) a method for manufacturing the compounds of the invention and its therapeutic uses. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages : 240 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.548/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOISTURE RESISTANT CORD PLATE FOR A PHOTOVOLTAIC MODULE

(51) International classification :H01L31/048
(31) Priority Document No :61/360256
(32) Priority Date :30/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042167
Filing Date :28/06/2011
(87) International Publication No :WO 2012/012137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COHEN Brian E.
3)DOMSIC Raymond
4)PODDANY James J.

(57) Abstract :
This invention relates to a moisture resistant cord plate for a photovoltaic module methods of manufacturing photovoltaic modules and methods for generating electricity from photovoltaic modules.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.484/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INTEGRATED HYDROCRACKING AND DEWAXING OF HYDROCARBONS

(51) International classification :C10G45/00
(31) Priority Document No :61/359571
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042106
Filing Date :28/06/2011
(87) International Publication No :WO 2012/006054
(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)MCCARTHY Stephen J.
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8)FINGLAND Bradley R.

(57) Abstract :
An integrated process for producing naphtha fuel diesel fuel and/or lubricant base oils from feedstocks under sour conditions is provided. The integrated process includes an initial dewaxing of a feed under sour conditions optional hydrocracking of the dewaxed feed and a separation to form a first diesel product and a bottoms fraction. The bottoms fraction is then exposed to additional hydrocracking and dewaxing to form a second diesel product and optionally a lubricant base oil product. Alternatively a feedstock can be hydrotreated fractionated dewaxed and then hydrocracked to form a diesel fuel and a dewaxed hydrocracked bottoms fraction that is optionally suitable for use as a lubricant base oil.

No. of Pages : 86 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.498/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR THE SENSOR FREE POSITION DETERMINATION OF AN ELECTRONICALLY COMMUTATED ELECTRIC MACHINE

(51) International classification :H02P6/18,H02P21/14
(31) Priority Document No :10 2010 038 295.7
(32) Priority Date :22/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/062190
Filing Date :18/07/2011
(87) International Publication No :WO 2012/010532
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)REISS Alexander

(57) Abstract :
The invention relates to a method for determining a rotor positioil of a rotatory, multiphase, electronically commutated electric machine (1). Said electric machine (1) comprises several phase windings (4) which can be supplied with current by means of phase connectors. Said method consists of the following steps: phase currents and phase connections are identified on phase connections of the electric machine (1); the induced currents on the phase connections of the electric machine (1) are determined from the identified phase currents and phase flows; the identified current indicator of the induced current is provided with respect to a Cartesian coordination system which is fixed to a stator by the induced currents; the 0 position of the rotor is identified as a space indicator angle of the current indicator of the induced current provided with respect to the Cartesian coordination system which is fixed to the stator.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.524/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POWER OVERLOAD CONTROL METHOD AND BASE STATION

(51) International classification :H04W52/00
(31) Priority Document No :201010207313.6
(32) Priority Date :18/06/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/073472
Filing Date :28/04/2011
(87) International Publication No :WO 2011/157082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LI He

(57) Abstract :
The disclosure claims a power overload control method and a base station. The method comprises: base station adjusts upper limit of user power of the base station in first time interval, according to forward power of the base station and threshold of the first time interval; the base station removes data service of the base station in second time interval, according to forward power of the base station and threshold of the second time interval; the base station performs admission control to service of the base station in third time interval, according to forward power of the base station and threshold of the third time interval, wherein the first time interval is less than the second time interval, the second time interval is less than the third time interval, and the threshold of the second time interval is less than the threshold of the third time interval.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.420/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : X RAY DEVICE STABILIZER

(51) International classification :A61B6/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/ES2010/070601
Filing Date :16/09/2010
(87) International Publication No :WO 2012/035176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CAUSAP‰ RODR GUEZ Andrs
2)MORENO VALLEJO Ildefonso

(57) Abstract :
The subject matter of the present invention is an X-ray device stabilizer that makes it possible to take X-ray images in positions very remote from the carriage that supports said X-ray device since overturning of the Xray device when the X-ray tube is very remote from the fioor support points of the X-ray device is avoided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.462/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A METHOD OF DETECTING SURROGATE MARKERS FOR ACTIVE TUBERCULOSIS IN A SERUM SAMPLE

(51) International classification :c12n
(31) Priority Document No :2010/05040
(32) Priority Date :15/07/2010
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2011/053108
Filing Date :12/07/2011
(87) International Publication No :WO 2012/007903
(61) Patent of Addition 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 :0002 Pretoria South Africa
(72)**Name of Inventor :**
1)VERSCHOOR Jan Adrianus
2)BEUKES Mervyn

(57) Abstract :
The invention provides a method of detecting surrogate markers for active tuberculosis in a serum sample. The surrogate markers are selected from serum mycolic acid antigen serum anti mycolic acid antibodies or both. The method includes the steps of combining the serum sample with a labelled monoclonal immunoglobulin antibody or fragment thereof to mycolic acids to produce a combined serum sample the antibody or fragment thereof not substantially cross reacting with cholesterol and the label being selected so that binding of the labelled antibody to immobilized mycolic acid antigen of mycobacterial origin produces a detectable signal and combining a blank sample with the labelled monoclonal immunoglobulin antibody or fragment thereof to mycolic acid to produce a combined blank sample. The method includes exposing both samples to immobilised mycolic acid antigen of mycobacterial origin or a synthetic analogue or analogues thereof so that the labelled immunoglobulin antibodies or fragments thereof in each sample bind to the immobilised antigen to produce detectable signals. If the surrogate markers are present the signal produced by the blank sample will be stronger than that produced by the serum sample because of inhibition of binding of the labelled antibody in the serum sample arising from prior binding of the labelled antibody with the mycolic acid antigen in the serum sample or by competitive binding of serum anti mycolic acid antibodies in the serum sample to the immobilised mycolic acid antigen or both.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.488/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DIESEL FUEL ADDITIVE

(51) International classification :C10L1/12,C10L1/14,C10L1/04
(31) Priority Document No :61/360880
(32) Priority Date :01/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042604
Filing Date :30/06/2011
(87) International Publication No :WO 2012/003323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHASTRI P.N.

(57) Abstract :
A diesel fuel additive and synthesis method therefore is disclosed herein. The diesel fuel additive may be used in internal combustion engines including those present in cars and trucks and reduces fuel consumption and pollutant emissions while increasing power.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.528/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FORMULATION FOR CO THERAPY TREATMENT OF DIABETES

(51) International classification :A61K9/20,A61K9/28,A61K31/155
(31) Priority Document No :61/361543
(32) Priority Date :06/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042988
Filing Date :06/07/2011
(87) International Publication No :WO 2012/006298
(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)HEYNS Philip Erna Hortentia Gilbert
4)JANS Eugeen Maria Jozef
5)RAILKAR Aniruddha

(57) Abstract :
The present invention is directed a pharmaceutical compositions for co therapy treatment and prevention of glucose related disorders such as Type 2 diabetes mellitus and Syndrome X.

No. of Pages : 74 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.496/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ISOXAZOLE ISOTHIAZOLE FURANE AND THIOPHENE COMPOUNDS AS MICROBICIDES

(51) International classification :C07D413/06,C07D417/06,A01N43/40
(31) Priority Document No :10169995.7
(32) Priority Date :19/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/062291
Filing Date :19/07/2011
(87) International Publication No :WO 2012/010567
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CORSI Camilla
3)JEANMART Stephane Andr Marie
4)WENDEBORN Sebastian Volker

(57) Abstract :
The present invention relates to a compound of formula I: (I) wherein the substituents have the definitions as defined in claim 1or a salt or a N oxide thereof their use and methods for the control and/or prevention of microbial infection particularly fungal infection in plants and to processes for the preparation of these compounds.

No. of Pages : 78 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.440/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESSES FOR THE RESOLUTION OF NITROGEN SUBSTITUTED (S) 5 ALKOXY 2 AMINOTETRALIN DERIVATIVES

(51) International classification :C07C51/41,C07C59/48,C07C59/56
(31) Priority Document No :10006621.6
(32) Priority Date :25/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060655
Filing Date :24/06/2011
(87) International Publication No :WO 2011/161255
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)PHADTARE Ganesh
8)YERANDE Swapnil
9)DELATINNE Jean Pierre
10)ESCUDERO HERNANDEZ Maria Luisa
11)PINILLA Vronique

(57) Abstract :
The present invention provides an alternative synthesis of N substituted aminotetralines comprising resolution of N substituted aminotetralins of formula (II) wherein R R and R are as defined for compound of formula (I).

No. of Pages : 47 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.531/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GLUCOSINOLATE TRANSPORTER PROTEIN AND USES THEREOF

(51) International classification :C07K14/415,C12N15/82
(31) Priority Document No :61/362390
(32) Priority Date :08/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/004565
Filing Date :06/07/2011
(87) International Publication No :WO 2012/004013
(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)HALKIER Barbara Ann
4)NOUR ELDIN AUIS Hussam Hassan
5)ANDERSEN Tonni Grube
6)MADSEN Svend Roesen
7)JˇRGENSEN Morten Egevang

(57) Abstract :
Methods and means to alter the glucosinolate (GSL) content in plants in particular in specific plant parts by modifying glucosinolate transporter protein (GTR) activity in plants or parts thereof are herein described. In particular methods are provided to decrease GSL content of plant seed and meal thereof as well as methods to increase GSL content in green plant tissue of Brassicales plants.

No. of Pages : 401 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.502/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INTEGRATED ENERGY GENERATING DAMPER

(51) International classification :F03G7/08
(31) Priority Document No :61/355186
(32) Priority Date :16/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040654
Filing Date :16/06/2011
(87) International Publication No :WO 2011/159874
(61) Patent of Addition 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)WENDELL Ross
3)ANDERSON Zackary M.
4)MOEN Evan
5)SCHNEIDER Johannes
6)JACKOWSKI Zachary M.
7)MORTON Sean

(57) Abstract :
A linear energy harvesting device that includes a housing and a piston that moves at least partially through the housing when it is compressed or extended from a rest position. When the piston moves hydraulic fluid is pressurized and drives a hydraulic motor. The hydraulic motor drives an electric generator that produces electricity. Both the motor and generator are central to the device housing. Exemplary configurations are disclosed such as monotube twin tube tri tube and rotary based designs that each incorporates an integrated energy harvesting apparatus. By varying the electrical characteristics on an internal generator the kinematic characteristics of the energy harvesting apparatus can be dynamically altered. In another mode the apparatus can be used as an actuator to create linear movement. Applications include vehicle suspension systems (to act as the primary damper component) railcar bogie dampers or industrial applications such as machinery dampers and wave energy harvesters and electro hydraulic actuators.

No. of Pages : 73 No. of Claims : 166

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.540/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TARGETING SEQUENCES OF INTEREST TO THE CHLOROPLAST

(51) International classification :C12N9/02,C12N15/82,A01H5/00
(31) Priority Document No :61/401456
(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047572
Filing Date :12/08/2011
(87) International Publication No :WO 2012/021797
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CASTLE Linda A.
3)HECKERT Matthew J.
4)LU Jian
5)SIEHL Daniel L.
6)TAO Yumin

(57) Abstract :
Chimeric polynucleotides comprising a nucleotide sequence encoding a chloroplast transit peptide operably linked to a heterologous polynucleotide of interest are provided wherein the chloroplast transit peptide comprises an amino acid sequence having the chloroplast transit peptide sequence as set forth in SEQ ID NO: 1 or a biologically active variant or fragment thereof or wherein the chloroplast transit peptide comprises the sequence set forth in SEQ ID NO: 58 or an active variant or fragment thereof. Chimeric polypeptides encoding the same as well as cells plant cells plants and seeds are further provided which comprise the chimeric polynucleotides. Compositions further include HPPD polypeptides and polynucleotides encoding the same as set forth in SEQ ID NOS: 57 and 60 or active variants and fragments thereof. Such sequences comprise the chloroplast transit peptide as set forth in SEQ ID NO: 58 or an active variants or fragments thereof. Cells plant cells plants and seeds are further provided which comprise such sequences. Methods of use of the various sequences are also provided.

No. of Pages : 138 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.551/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FEEDBACK PROCESSING METHOD AND SYSTEM FOR UPLINK CONTROL SIGNALING

(51) International classification :H04W72/12
(31) Priority Document No :201010214182.4
(32) Priority Date :24/06/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/070108
Filing Date :07/01/2011
(87) International Publication No :WO 2011/160448
(61) Patent of Addition 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)DAI Bo
3)YU Bin
4)YANG Weiwei
5)ZHU Peng

(57) Abstract :
The present invention provides a method and system for processing an uplink control signaling feedback. The method comprises: a base station 5 configuring a feedback mode of an uplink control signaling for user equipment, wherein the feedback mode is used for instructing the user equipment a manner in which to transmit the uplink control signaling on a physical uplink control channel (PUCCH) and/or a physical uplink shared channel (PUSCH); and the user equipment sending the uplink control 10 signaling according to the feedback mode. By way of the present invention, it is ensured that the base station can correctly demodulate the uplink control signaling.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.418/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INTEGRATED BIOGAS CLEANING SYSTEM TO REMOVE WATER SILOXANES SULFUR OXYGEN CHLORIDES AND VOLATILE ORGANIC COMPOUNDS

(51) International classification	:B01D53/86,B01D53/46,C01B17/16
(31) Priority Document No	:2709722
(32) Priority Date	:15/07/2010
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2011/000825
Filing Date	:15/07/2011
(87) International Publication No	:WO 2012/006729
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MARCHAND Kevin

(57) Abstract :
An integrated biogas cleaning system is provided to clean biogas from sources such as landfills and digesters for heat and power generation systems such as boilers engines turbines or fuel cells. Siloxanes chlorine oxygen and sulfur are removed to parts per billion levels as well as removing the majority of water and some volatile organic compounds. The biogas system cools a biogas stream to partially remove contaminants blends in a small concentration of hydrogen gas and then combusts the remaining oxygen to heat the biogas and leave sufficient hydrogen suitable for a downstream sequence of further contaminant conversion and removal in stages using a hydrodesulfurization bed and adsorbent media beds. Heat exchange arrangements provide efficient recycling of waste heat and compensation for varying levels of oxygen in the incoming biogas waste stream suitable for use in a wide range of biogas generating sources. The resulting biogas fuel product is suitable for use in combustion generators fuel cell systems greenhouse boilers or as feedstock for further upgrading to renewable natural gas.

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.432/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AGGREGATING DEMOGRAPHIC DISTRIBUTION INFORMATION

(51) International classification :G06Q30/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/061652
Filing Date :10/08/2010
(87) International Publication No :WO 2012/019643
(61) Patent of Addition 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)KAKHADZE George
3)VARGA Szilvia
4)OLSSON Hjalmar
5)MORITZ Simon

(57) Abstract :
A method for aggregating demographic distribution information from a plurality of networks the method comprising in each network: monitoring the location of each of a plurality of user devices in each of a plurality of location areas; retrieving demographic information associated with a plurality of user devices; transmitting an indication of the demographic distribution for each location area to a data collector; the method further comprising: receiving the indications at the data collector and collating the information to generate an aggregated demographic distribution map.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.485/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METROLOGY APPARATUS

(51) International classification :G01B5/012,G01B21/04,G01B5/00
(31) Priority Document No :1012249.7
(32) Priority Date :21/07/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001086
Filing Date :20/07/2011
(87) International Publication No :WO 2012/010836
(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 :
Metrology apparatus is described that comprises a first structure (20) rotatably connected to a second structure (22) by a bearing arrangement. The bearing arrangement includes at least a first friction bearing comprising parts (28 34 30 36) in sliding contact during rotation of the first structure (20) relative to the second structure (22). The apparatus comprises at least one magnet (52 54; 60 62) that relieves the load on the first friction bearing. Multiple magnets provided in an attracting or repelling arrangement may be used. The metrology apparatus may comprise an articulating probe head (12) for a coordinate positioning apparatus (2).

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.499/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FUEL INJECTOR HAVING A HYDRAULIC COUPLER UNIT

(51) International classification :F02M63/00
(31) Priority Document No :10 2010 031 497.8
(32) Priority Date :19/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059283
Filing Date :06/06/2011
(87) International Publication No :WO 2012/010368
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Rapp Holger

(57) Abstract :
The invention proposes a fuel injector having a hydraulic coupler unit (10) which has a coupler body (12), a coupler piston (13) and a valve piston (14). The valve piston (14) has a sleeve-like guide section (23), which is guided on a guide piston (21) formed by the coupler body (12) and arranged in the center of the coupler unit (10). The implementation of the coupler unit (10) requires that either the coupler body (12) or the valve piston (14) be designed from at least two individual components.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.532/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ASH AND SOLIDS COOLING IN HIGH TEMPERATURE AND HIGH PRESSURE ENVIRONMENT

(51) International classification :B01J8/18,C10J3/56,F23J15/06
(31) Priority Document No :61/372008
(32) Priority Date :09/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046765
Filing Date :05/08/2011
(87) International Publication No :WO 2012/021404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIU Guohai
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(57) Abstract :
Disclosed are cooling and depressurization system equipment arrangement and methods to cool solid particles from a coal gasifier operating at high temperature and pressure. Ash from the coal needs to be continuously withdrawn from a circulating fluidized bed gasifier to maintain the solids inventory in the gasifier. The system disclosed enables use of conventional materials of construction for heat transfer surfaces. The supports for the cooling surfaces are located on the lower temperature upper section of the primary cooler. The cooled solids along with the fluidizing gas exits the primary cooler to a secondary receiving vessel where the solids can be further cooled by conventional means. The fluidizing and entrained gas entering the secondary vessel is filtered and vented through a vent pressure control valve. The column of cooled solids in the secondary vessel is depressurized by a continuous depressurization system to low pressures which are sufficient for conveying the solids to silos for disposal. The system and methods proposed are equally applicable to many high temperature high pressure processes that require cooling and depressurization of process solids.

No. of Pages : 31 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.402/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CIRCUIT BREAKER POLE PART AND METHOD FOR PRODUCING SUCH A POLE PART

(51) International classification :H01H33/662,H01H1/58
(31) Priority Document No :10007321.2
(32) Priority Date :15/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/003538
Filing Date :15/07/2011
(87) International Publication No :WO 2012/007172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHANG Wenkai

(57) Abstract :
Method for producing a circuit breaker pole part (1) comprising an external insulating sleeve (7) made of a solid synthetic material for supporting and housing a vacuum interrupter insert (8) for electrical switching a medium voltage circuit wherein an adhesive material layer (12) at least on the lateral area (11) of the interrupter insert (8) is applied and the coated interrupter (8) is embedded by molding with the solid synthetic material in order to form a single layer of the surrounding external insulating sleeve (7).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.456/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CLEANSING COMPOSITION WITH DECYL AND COCO GLUCOSIDES

(51) International classification :A61K8/60,A61Q19/10,A61K8/365
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/042409
Filing Date :19/07/2010
(87) International Publication No :WO 2012/011892
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)POTECHIN Kathy
2)BOYKE Christine

(57) Abstract :
A cleansing composition comprising surfactants comprising decyl glucoside and coco glucoside wherein the decyl glucoside is present in an amount by weight that is 1.5 to 2.5 times the weight of coco glucoside.

No. of Pages : 12 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.481/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DRYING FIVE SIDED CONTAINERS

(51) International classification :B05C9/14,B65D25/34,F26B3/02
(31) Priority Document No :12/837833
(32) Priority Date :16/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044185
Filing Date :15/07/2011
(87) International Publication No :WO 2012/009637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VALSPAR SOURCING INC.
Address of Applicant :PO Box 1461 Minneapolis Minnesota 55440 1461 U.S.A.
(72)**Name of Inventor :**
1)NOWACK William C.

(57) Abstract :
A method of painting a five sided container which includes applying a water based paint to the interior surfaces and the exterior surfaces of the container and forcing heated air into the open side of the container to at least partially dry the paint on the interior surfaces and the exterior surfaces of the container.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.495/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR MONITORING CHANGES OF CONFIGURATION OF A CONTROL DEVICE OF AN AUTOMATIC MACHINE

(51) International classification :G05B19/042
(31) Priority Document No :BO2010A000434
(32) Priority Date :09/07/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/001607
Filing Date :11/07/2011
(87) International Publication No :WO 2012/004662
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CAMPATENTS B.V.
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(72)**Name of Inventor :**
1)MARTELLI Davide

(57) Abstract :
In an automatic machine (1) controlled by a control device (2) of its own having at least one non volatile memory (8 11 15) in which a program for controlling the automatic machine (1) can be installed and at least one processing module (4) for executing the control program installed the control device (2) is programmed with an operating system (OS) designed for implementing a method for monitoring the changes of configuration of the control device (2) in which each event of installation of a new control program in the memory (8 11 15) is detected execution of the control program installed last is enabled and each new control program that is installed is saved together with corresponding installation data in at least one archive memory portion (19 24) of the memory (8 11 15).

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.546/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OLIGONUCLEOTIDE CHELATE COMPLEXES

(51) International classification :A61K47/02,A61K31/7088,A61K31/712
(31) Priority Document No :61/375257
(32) Priority Date :20/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000956
Filing Date :18/08/2011
(87) International Publication No :WO 2012/021985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAILLANT Andrew
2)BAZINET Michel

(57) Abstract :
The present disclosure describes the broadly active chelation of diverse divalent 2+ metal cations by any oligonucleotide (ON) regardless of size or modification. This chelation effect is specific to cations which are divalent (or of higher valency) and results in the formation of oligonucleotide chelate complexes which do not behave like salts. It is described herein a novel composition of an ON chelate complex prepared using any ON and a divalent metal cation and methods for the suppression of anti coagulation and or subcutaneous injection site reactions and or improved tolerability with oligonucleotides by the use of ON chelate complexes during oligonucleotide administration.

No. of Pages : 89 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.490/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PARENTERAL FORMULATIONS OF ELACYTARABINE DERIVATIVES

(51) International classification	:A61K9/127,A61K47/48,A61K31/7056
(31) Priority Document No	:61/363730
(32) Priority Date	:13/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/NO2011/000189 :01/07/2011
(87) International Publication No	:WO 2012/008845
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AHRABI Sayeh
2)MYHREN Finn
3)ERIKSEN Ole Henrik

(57) Abstract :
The present invention relates to parenteral formulations for certain long chain saturated and monounsaturated fatty acid derivatives of 1 D arabinofuranosylcytosine (cytarabine). In particular the present invention relates to a parenteral pharmaceutical composition and a method of the preparation thereof in order to accommodate therapeutically effective doses of the said derivatives ameliorating compliance in treatment of cancer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.504/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SUPERIOR EFFICACY OF CD37 ANTIBODIES IN CLL BLOOD SAMPLES

(51) International classification	:C07K16/28,A61K39/395,A61P35/02
(31) Priority Document No	:10169795.1
(32) Priority Date	:16/07/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/062133 :15/07/2011
(87) International Publication No	:WO 2012/007576
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
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(72)**Name of Inventor :**
1)STILGENBAUER Stephan
2)ZENZ Thorsten
3)HEIDER Karl Heinz

(57) Abstract :
The present invention describes CD37 antibodies especially A2 and B2 for the treatment of patients with CLL especially of patients belonging to a high risk or ultra high risk group of patients. Those patients are either patients who are refractory to fludarabine treatment or patients who carry a genetic marker which is indicative for poor prognosis or increased risk of treatment failure e.g. patients with TP53 dysfunction or deletion of chromosome 17p13 or patients after failure to previous anti CD20 treatment. The ability of A2 and B2 to deplete CLL cells is high both in patient samples derived from patients with normal risk and with increased risk (high risk patients) and clearly superior to that of rituximab and alemtuzumab.

No. of Pages : 42 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.541/DELNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AUTOMATED SYSTEMS FOR REMOVING TISSUE SAMPLES FROM SEEDS AND RELATED METHODS

(51) International classification :A01C1/00,G01N1/00,G01N1/08
(31) Priority Document No :61/365826
(32) Priority Date :20/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044514
Filing Date :19/07/2011
(87) International Publication No :WO 2012/012411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DEPPERMANN Kevin L.
2)PETERSEN Michael W.
3)ONDES Allen N.
4)FINLEY David W.
5)FISCHER William M.
6)JENSEN John M.
7)BUTRUILLE David
8)DOTSON Stanton
9)EATHINGTON Sam
10)FORBES Heather M.
11)SCHNICKER Bruce
12)TAMULONIS John

(57) Abstract :
A seed sampling system is provided having an automated seed loading assembly including a seed bin and being operable to singulate seeds from a plurality of seeds within the seed bin. The system also includes an automated seed sampling assembly operable to remove tissue samples from the singulated seeds and an automated seed transport assembly operable to transfer the singulated seeds from the seed loading assembly to the seed sampling assembly. The seed transport assembly includes multiple retention members. Each of the retention members is movable relative to the seed loading assembly and to the seed sampling assembly. The seed transport assembly is operable to position one of the multiple retention members adjacent to the seed loading assembly for engaging one of the singulated seeds while positioning another of the retention members adjacent to the seed sampling assembly for presenting another of the singulated seeds to the seed sampling assembly.

No. of Pages : 62 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2013

(21) Application No.1639/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WRISTED SURGICAL INSTRUMENT CAPABLE OF MULTIPLE FUNCTIONS WITHOUT REQUIRING EXTRA INPUTS

(51) International classification	:A61B17/295
(31) Priority Document No	:2425/MUM/2012
(32) Priority Date	:21/08/2012
(33) Name of priority country	:India
(86) International Application No Filing Date	:PCT/IB2013/056728 :19/08/2013
(87) International Publication No	:WO 2014/030110
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DEODHAR Chinmay

(57) Abstract :
The present invention is generally related to the art of surgical instruments for use in minimally invasive surgery and more specifically to robotic laparoscopic surgery. According to one aspect of the invention this articulated instrument is capable of producing a wrist like motion i.e. the end effector generally has three degrees of freedom. Additionally it also has another degree of freedom for actuation of the end effector. The end effector has a configurable set of arms which are capable of performing a first function in a first mode and a second function in a second mode. This end effector also has the capability to dynamically switch between two modes of different functions (e.g.: scissor and grasper). These actions of switching back and forth between the different modes (e.g.: scissor and grasper) can be described as extra actions. These extra actions are achieved without increasing the number of inputs.

No. of Pages : 54 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2080/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POSITIONING SYSTEMS AND METHODS AND LOCATION BASED MODIFICATION OF COMPUTING DEVICE APPLICATIONS

(51) International classification :G01S3/02
(31) Priority Document No :61/489118
(32) Priority Date :23/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/050182
Filing Date :23/05/2012
(87) International Publication No :WO 2012/160560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WISE SEC LTD.
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(72)**Name of Inventor :**
1)MAOR Vadim

(57) Abstract :
A computerized method of identifying a location of mobile client terminals. The method comprises providing to a mobile client terminal a mapping dataset which defines a plurality of physical locations of a plurality of beacon devices receiving at the mobile client terminal at least one distinct signal transmitted from at least one of the plurality of beacon devices extracting from each of the at least one distinct signal an identifier of a beacon device of the plurality of beacon devices matching between the identifier and one of the plurality of physical locations using the mapping dataset and identifying a location of the mobile client according to the matching.

No. of Pages : 34 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2081/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE AND METHOD FOR CALIBRATING AND ADJUSTING A MEASUREMENT SYSTEM IN A TABLET PRESS

(51) International classification :B30B11/00,B30B11/08
(31) Priority Document No :10 2011 101 294.3
(32) Priority Date :10/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001689
Filing Date :19/04/2012
(87) International Publication No :WO 2012/152373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHMIDT Ingo
2)GATHMANN Ulrich
3)MEIER Matthias

(57) Abstract :
The invention relates to a device for calibrating and adjusting a measurement system in a tablet press in particular a rotary tablet press said device comprising at least one reference measurement system and at least one control system. Interfaces of the control system are connected to interfaces of the measurement system and the reference measurement system and the control system is designed to generate a plurality of reference measurement events and to record the associated measured values of the measurement system and the reference measurement system. The control system also comprises a comparison system which is used to compare the recorded measured values of the measurement system and the reference measurement system against each other and is designed to adjust the measurement system if there is an inadmissible deviation between the compared measured values. The invention also relates to a corresponding method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2082/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMBINATIONS OF TROSPIUM AND SALIVARY STIMULANTS FOR THE TREATMENT OF OVERACTIVE BLADDER

(51) International classification :A61K31/4178,A61K31/46,A61P13/10
(31) Priority Document No :61/484660
(32) Priority Date :10/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037010
Filing Date :09/05/2012
(87) International Publication No :WO 2012/154776
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)DUCHIN Kenneth L.
3)HERNANDEZ Wendy Jade Limayo
4)FLUGEL Roger S.

(57) Abstract :
Disclosed herein are pharmaceutical compositions comprising a therapeutically effective amount of extended release trospium or a pharmaceutically acceptable salt thereof and a therapeutically effective amount of pilocarpine or a pharmaceutically acceptable salt thereof. Also disclosed herein are methods of treating a patient suffering from overactive bladder the method comprising identifying a patient in need thereof and administering to the patient a therapeutically effective amount of extended release trospium or a pharmaceutically acceptable salt thereof and a therapeutically effective amount of pilocarpine or a pharmaceutically acceptable salt thereof. Also disclosed herein are methods of alleviating a side effect of treatment for overactive bladder in a patient suffering therefrom the method comprising identifying a patient in need thereof and administering to the patient a therapeutically effective amount of extended release trospium or a pharmaceutically acceptable salt thereof and a therapeutically effective amount of pilocarpine or a pharmaceutically acceptable salt thereof.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.1870/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HYBRID NETWORKING MASTER PASSPHRASE

(51) International classification :H04L29/06,H04W12/04,H04W12/06
(31) Priority Document No :61/452317
(32) Priority Date :14/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029117
Filing Date :14/03/2012
(87) International Publication No :WO 2012/125758
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NEWMAN Richard E.
2)SCHRUM Sidney B.
3)YONGE Lawrence W. III

(57) Abstract :
A method and apparatus for providing a passphrase based security setup for a hybrid network including multiple network interfaces configured for communicating over one or more communication media are provided. The method includes receiving a passphrase from a user at a network interface of the multiple network interfaces. The received passphrase is then used for authenticating the device for one or more network interfaces. The authentication can be performed irrespective of a communication medium used by the network interfaces.

No. of Pages : 34 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2087/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS

(51) International classification :C08J3/28,C08J3/09,C08J5/18
(31) Priority Document No :1108522.2
(32) Priority Date :20/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051137
Filing Date :18/05/2012
(87) International Publication No :WO 2012/160361
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COCKROFT Martin Richard
2)FISHER Luke

(57) Abstract :
Disclosed herein is a method of producing cellulose film comprising the steps of exposing non dissolving cellulose containing pulp to electron beam radiation originating from a plurality of locations forming a solution or dope comprising the cellulose containing pulp and casting a cellulose film from the solution. Products of the method and systems for implementing the method are also disclosed.

No. of Pages : 44 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2088/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PROCESSING CELLULOSE FILMS OR SHAPED ARTICLES

(51) International classification :C08J5/00,C08J5/02,C08J5/18
(31) Priority Document No :1108532.1
(32) Priority Date :20/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051139
Filing Date :18/05/2012
(87) International Publication No :WO 2012/160362
(61) Patent of Addition 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)FISHER Luke

(57) Abstract :
The present invention provides a process for producing cellulose film or cellulose shaped articles comprising the steps of steeping a non dissolving cellulose containing pulp in a basic liquid xanthating the steeped cellulose containing pulp with carbon disulphide dissolving the xanthated cellulose containing pulp in a basic liquid to form a viscose solution and casting a cellulose film or cellulose shaped article from the viscose solution wherein one or more of the following optimised processing conditions are employed: steeping is carried out at least partially at a temperature of about 30°C to about 50°C steeping is carried out in a basic liquid having a concentration of base of about 16 to about 18% by weight xanthation is carried out using about 30 to about 40% carbon disulphide by weight of cellulose present xanthation is carried out at least partially at a temperature of about 20°C to about 30°C dissolution is carried out at least partially at a temperature of about 10°C to about 25°C dissolution results in a viscose solution having a base concentration of between about 5.5 and 7 5% by weight of the solution and / or dissolution results in a viscose solution having a cellulose concentration of between about 8.5 and about 9.5% by weight of the solution.

No. of Pages : 47 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2089/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS

(51) International classification :C08J3/28,C08J3/09,C08J5/18
(31) Priority Document No :1108530.5
(32) Priority Date :20/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051140
Filing Date :18/05/2012
(87) International Publication No :WO 2012/160363
(61) Patent of Addition 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)FISHER Luke

(57) Abstract :
Disclosed herein is a method of producing cellulose shaped articles comprising the steps of exposing non dissolving cellulose containing pulp to electron beam radiation originating from a plurality of locations forming a solution or dope comprising the cellulose containing pulp and casting a cellulose shaped article from the solution. Products of the method and systems for implementing the method are also disclosed.

No. of Pages : 44 No. of Claims : 55

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

(21) Application No.2092/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A SURGICAL DEVICE

(51) International classification :A61B1/018,A61B17/00,A61B19/00
(31) Priority Document No :1107939.9
(32) Priority Date :12/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051069
Filing Date :14/05/2012
(87) International Publication No :WO 2012/153151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YANG Guang Zhong
2)SHANG Jianzhong

(57) Abstract :
A surgical device (2) having a distal end and a proximal end and comprising a delivery portion (12) extending from the proximal end and comprising first and second instrument delivery channels an active portion (4 8) at a distal portion of the device and a plug (10) having a proximal end and a distal end and engageable with the delivery portion at its proximal end and with the active portion at its distal end the plug comprising first and second plug channels (82) each defining a curved path such that the plug channels diverge from one another towards the distal end of the plug wherein when the plug is engaged with the delivery portion the first plug channel and the first instrument delivery channel form a first instrument channel and the second plug channel and the second instrument delivery channel form a second instrument channel.

No. of Pages : 37 No. of Claims : 27

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

(21) Application No.2093/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MEDICAL MASTER/SLAVE TYPE DEVICE FOR MINIMALLY INVASIVE SURGERY

(51) International classification :A61B19/00
(31) Priority Document No :1107937.3
(32) Priority Date :12/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051070
Filing Date :14/05/2012
(87) International Publication No :WO 2012/153152
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YANG Guang Zhong
2)MYLONAS George
3)PAYNE Christopher

(57) Abstract :
Apparatus for Minimal Invasive Surgery (MIS) comprising a master device a slave device a detector for detecting a parameter of or associated with the slave device and a shape locking system for locking the shape of the master device in response to a parameter detected by the detector.

No. of Pages : 38 No. of Claims : 22

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

(21) Application No.2094/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS AND PLANT FOR THE PRODUCTION AND FURTHER TREATMENT OF FUEL GAS

(51) International classification :C10J3/48,C21B13/00,C10J3/86
(31) Priority Document No :10 2011 100 490.8
(32) Priority Date :04/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/055599
Filing Date :29/03/2012
(87) International Publication No :WO 2012/150097
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ORTH Andreas
2)VON GARNIER Agnes

(57) Abstract :
For producing fuel gas and for carrying out a metallurgical process carbonaceous materials e.g. coal or biomass are reacted with an oxygen containing gas in a first process stage to obtain a fuel gas containing carbon monoxide hydrogen carbon dioxide and/or steam wherein the fuel gas obtained is cooled to a temperature of 300 to 600 °C preferably 350 to 450 °C and subsequently subjected to a solids separation and wherein in a second process stage the fuel gas is charged to at least one burner of the metallurgical process. The fuel gas from the solids separation is directly supplied to the at least one burner of the second process stage wherein after cooling the temperature of the fuel gas is maintained within the range from 300 to 600 °C preferably 350 to 450 °C by minimizing the heat losses and/or heat supply.

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

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

(21) Application No.2095/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : STRIPPING DEVICE FOR A ROTARY PRESS ROTARY PRESS AND METHOD FOR OPERATING A ROTARY PRESS

(51) International classification	:B30B11/00,B30B15/32,B30B11/08
(31) Priority Document No	:10 2011 101 287.0
(32) Priority Date	:10/05/2011
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2012/001684 :19/04/2012
(87) International Publication No	:WO 2012/152368
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)FETTE COMPACTING GMBH
Address of Applicant :Grabauer Strasse 24 21493 Schwarzenbek Germany.
(72)**Name of Inventor :**
1)KOLBE Sven

(57) Abstract :
The invention relates to a stripping device for a rotary press comprising at least one stripping element (62) for stripping pellets located on a die table of the rotary press to an outlet wherein the at least one stripping element (62) has at least one identification and/or positioning unit (84) having identification and/or positioning data relating to the at least one stripping element (62) and wherein the stripping device furthermore comprises a read and/or write unit (86) which is designed to communicate with the at least one identification and/or positioning unit (84) in order to read the identification and/or positioning data from the at least one identification and/or positioning unit (84). The invention also relates to a rotary press and a corresponding method.

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

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

(21) Application No.2096/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRESS

(51) International classification :B30B11/00,B30B11/08
(31) Priority Document No :10 2011 101 293.5
(32) Priority Date :10/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001686
Filing Date :19/04/2012
(87) International Publication No :WO 2012/152370
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SCHMIDT Ingo
2)SEIFERT Werner
3)JANKE Annett

(57) Abstract :
The invention relates to a press in particular a rotary press comprising a press housing that contains multiple operating components of the press and further comprising power components that supply the operating components with electrical energy for operation and control components that exchange control and/or measurement signals with the operating components and control signals with the power components. The power components are arranged separately from the control components in a power housing which optionally can be arranged on or in the press housing or arranged outside said housing and separately from the latter.

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

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

(21) Application No.2097/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FORMING CELLULAR MATERIAL BY MELT STRETCHING MELT STRETCHABLE MATERIAL

(51) International classification :C08J9/232,B29C55/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CA2011/000646
Filing Date :31/05/2011
(87) International Publication No :WO 2012/162784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CORDNER Robert Brent
2)HIBBARD Glenn David

(57) Abstract :
A material with a cellular structure is formed from melt stretched granules. Granules compressed between stretching surfaces are melted to form viscous molten layers attaching ends of the granules to the surfaces. Melted central portions of the granules are stretched by moving the surfaces away from one another. A cellular structure is thus formed between the molten layers both of which are solidified to form a solid material. A cellular material may also be formed by melting a melt stretchable material to form a sheet of viscous molten mass formed of opposite surface layers connected by a central portion stretching the central portion by pulling the surface layers away from one another to generate air cells randomly distributed throughout the central portion and solidifying the cellular core and the skins formed from the central portion and the surface layers.

No. of Pages : 41 No. of Claims : 22

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

(21) Application No.2098/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NONIONIC ASSOCIATIVE THICKENERS CONTAINING CYCLOHEXYLOL ALKYLS FORMULATIONS CONTAINING SAME AND USES THEREOF

(51) International classification :C08G18/28,C08G18/66,C08G18/75
(31) Priority Document No :1155156
(32) Priority Date :14/06/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/051315
Filing Date :12/06/2012
(87) International Publication No :WO 2012/172249
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUAU Jean Marc
2)RUHLMANN Denis

(57) Abstract :
The invention relates to novel associative thickeners of the hydrophobically modified ethylene oxide urethane (HEUR) type of which the hydrophobic monomer is based on cyclohexylol alkyls. It is these novel polyurethanes that allow the liberal thickening of an aqueous formulation at a medium shear gradient while limiting the increase in the viscosity at a low shear gradient. The invention also relates to compositions containing said thickeners and to the uses thereof in different formulations such as water based paints.

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

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

(21) Application No.2099/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ADAPTING MULTIPURPOSE LIQUID FILTER

(51) International classification :F01M11/03,B01D35/30,F16N39/06
(31) Priority Document No :13/108930
(32) Priority Date :16/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034848
Filing Date :25/04/2012
(87) International Publication No :WO 2012/158315
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JACOBS William A.
2)TAM Michael K.
3)JACOBS Brian A.

(57) Abstract :
A liquid reclamation assembly is provided for processing a lubricant or other liquid. The assembly includes a housing interior for receiving a filter subassembly. A manifold is in fluid communication with a discharge region of the filter subassembly the manifold comprising a primary manifold passage for passage of source fluid and a series of draw ports. The cross sectional area of the primary manifold passage is greater than the total cross sectional area of the series of draw ports to create a venturi effect to draw fluid through the assembly. The filter subassembly includes a series of target filtration segment each segment being designed for a specific reclamation process. An entry manifold governs and distributes the fluid to each of the target filtration segments. Results of an analysis of the fluid can be used to determine which target filtration segments are desired for processing the fluid. Valves within the entry manifold can direct the flow accordingly.

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

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

(21) Application No.1907/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THROTTLEABLE EXHAUST VENTURI

(51) International classification :F01N5/04,F01N13/08,F02D9/04
(31) Priority Document No :61/480835
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035640
Filing Date :27/04/2012
(87) International Publication No :WO 2012/149461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MUNGAS Gregory
2)BUCHANAN Larry

(57) Abstract :
A throttleable exhaust venturi (700) is described herein that generates strong suction pressures at an exhaust outlet (718) by accelerating an incoming ambient fluid stream with the aid of a venturi to high gas velocities and injecting a combustion exhaust stream into the ambient fluid stream at an effective venturi throat (728). A mixing element (544) downstream of the venturi throat ensures that the mixed fluid stream recovers from a negative static pressure up to local atmospheric pressure. A physical (724) and the effective (728) throat of the venturi (700) are designed to promote mixing and stabilize the ambient fluid flow to ensure that high velocity is achieved and the effective venturi is operable over a variety of combustion exhaust stream mass flow rates.

No. of Pages : 65 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/2012

(21) Application No.2115/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS AND METHODS PROVIDING ARRANGEMENTS OF VIAS

(51) International classification :H01L25/065
(31) Priority Document No :12/701,642
(32) Priority Date :08/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024058
Filing Date :08/02/2011
(87) International Publication No :WO/2011/097630
(61) Patent of Addition 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)GU Shiqun
2)NOWAK Matthew Michael
3)LISK Durodami J.
4)TOMS Thomas R.
5)RAY Urmi
6)SUH Jungwon
7)CHANDRASEKARAN Arvind

(57) Abstract :
A semiconductor chip (402) includes an array of electrical contacts (412 413) and multiple vias (416 417) coupling at least one circuit in the semiconductor chip to the array of electrical contacts. A first one of the electrical contacts (412) of the array of electrical contacts is coupled to N vias (416) and a second one of the electrical contacts (413) of the array of electrical contacts is coupled to M vias (417a 4176). M and N are positive integers of different values.

No. of Pages : 27 No. of Claims : 24

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

(21) Application No.2115/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING BICYCLIC COMPOUND VIA IMINIUM SALT

(51) International classification :C07C45/48,C07C49/433,C07C227/34
(31) Priority Document No :2011-127957
(32) Priority Date :08/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064415
Filing Date :05/06/2012
(87) International Publication No :WO 2012/169474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAKAMURA Yoshitaka
2)KIMURA Kenichi

(57) Abstract :
[Problem] To provide a method for producing a compound having excellent activity as an ad ligand. [Solution] This method for producing a compound or a salt thereof having the general formula (VI) via an iminium salt. [In the formula R is a hydrogen atom or a C1 C6 alkyl group.]

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

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

(21) Application No.2116/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING BICYCLIC COMPOUND VIA CLAISEN REARRANGEMENT

(51) International classification :C07C45/48,B01J31/02,C07C45/45
(31) Priority Document No :2011127958
(32) Priority Date :08/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064416
Filing Date :05/06/2012
(87) International Publication No :WO 2012/169475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAIICHI SANKYO COMPANYLIMITED
Address of Applicant :3 5 1Nihonbashi HonchoChuo ku Tokyo 1038426 Japan
(72)**Name of Inventor :**
1)NAKAMURA Yoshitaka

(57) Abstract :
The present invention addresses the problem of providing a method for producing a compound having excellent activity as an ad ligand. The solution involves a method for producing a compound or a salt thereof having the general formula (VI) by using a rearrangement reaction. [In the formula R is a hydrogen atom or a C1 C6 alkyl group.]

No. of Pages : 40 No. of Claims : 9

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

(21) Application No.2117/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ANTIMICROBIAL FILTER MEDIUM AND FILTER MODULE

(51) International classification :B01D46/00,A61L2/232
(31) Priority Document No :10 2011 104 628.7
(32) Priority Date :06/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/060501
Filing Date :04/06/2012
(87) International Publication No :WO 2012/168185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BLUM Ralf
3)BUCHTA Ellen

(57) Abstract :
The invention relates to a filter medium having an antimicrobial effect in particular for filtering air for the interior of motor vehicles consisting of at least one first filter layer in which impurities can be retained and a second filter layer which is adjacent to said first filter layer. The second filter layer is applied to the inflow side of the first filter layer and contains antimicrobial substances.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2118/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONTEXT ADAPTIVE CODING VIDEO DATA

(51) International classification :H04N7/26,H04N7/50,H03M7/40
(31) Priority Document No :61/493371
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040491
Filing Date :01/06/2012
(87) International Publication No :WO 2012/167103
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOSHI Rajan Laxman
3)KARCZEWICZ Marta

(57) Abstract :
In an example aspects of this disclosure relate to a method of coding data that includes coding a sequence of bins according to a context adaptive entropy coding process. A current coding cycle used to code at least one bin of the sequence of bins includes determining a context for the bin; selecting a probability model based on the context wherein the probability model is updated based on a value of a previous bin coded with the context and coded at least two coding cycles prior to the current coding cycle; applying the probability model to code the bin; and updating the probability model based on a value of the bin.

No. of Pages : 74 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2004

(21) Application No.1348/MUM/2004 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AN INFORMATION/MAP/SCREEN DISPLAYING MACHINE

(51) International classification :G06F17/50
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PATEL KANJHIBHAI DHIRUBHAI

(57) Abstract :
An information / map / screen displaying machine comprising a box having an opening/window at its bottom a purality of motorized pipes adopted for containing information for displaying rolled over the said pipes, the said pipes stacked inside the said box, a purality of idellers printed inside the box for guiding the up and down movements of the screens, an electronic system for selecting and controlling the movement of said motorized pipes with screens so that any one selected screen given command to roll down and when a command is given to another screen to roll down the first screen will automatically go up in its home position.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2121/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ANTI INFLAMMATORY COMPOSITION

(51) International classification :A61K45/06,A61K31/353,A61K31/7048
(31) Priority Document No :11167804.1
(32) Priority Date :27/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056981
Filing Date :17/04/2012
(87) International Publication No :WO 2012/163590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BARRETT Karen Elizabeth
2)JENKINS Gail
3)LOTITO Silvina Beatriz
4)WAINWRIGHT Linda Jane

(57) Abstract :
This invention relates to the provision of an oral anti inflammatory composition in particular to an oral composition for the treatment or prevention of cardiovascular disease and the complications of hypertension through the identification of actives that down regulate inflammatory markers such as interleukin 6 (IL 6). Thus the invention provides an oral composition for preventing or treating cardiovascular disease or the complications of hypertension is provided the composition comprising an aqueous ethanol extract of Olea europaea or oleuropein and a composition containing as its main component proanthocyanidin oligomer to which a substance having a phloroglucinol ring structure or resorcinol ring structure has been bonded which is obtainable by heating plant materials comprising proanthocyanidin polymer or aqueous extract thereof comprising proanthocyanidin polymer with a substance having a phloroglucinol ring structure or resorcinol ring structure in an acidic aqueous solution. The invention also provides a method for preventing or treating cardiovascular disease or the complications of hypertension in a human being is provided the method comprising the step of administering to a person in need therefor the composition of the invention.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2122/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYPHENOL COMPOSITION FOR PREVENTING OR TREATING ATHEROSCLEROSIS

(51) International classification :A61K45/06,A61K31/12,A61K31/353
(31) Priority Document No :11167805.8
(32) Priority Date :27/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056980
Filing Date :17/04/2012
(87) International Publication No :WO 2012/163589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FOWLER Mark Ian
2)JENKINS Gail
3)WAINWRIGHT Linda Jane

(57) Abstract :
This invention relates to the provision of an oral composition for preventing or treating atherosclerosis. Thus in one of the invention an oral composition for preventing or treating atherosclerosis is provided the composition comprising curcumin and a composition containing as its main component proanthocyanidin oligomer to which a substance having a phloroglucinol ring structure or resorcinol ring structure has been bonded which is obtainable by heating plant materials comprising proanthocyanidin polymer or aqueous extract thereof comprising proanthocyanidin polymer with a substance having a phloroglucinol ring structure or resorcinol ring structure in an acidic aqueous solution.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2123/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MULTI-NETWORK COVERAGE

(51) International classification	:H04L12/28, H04W88/06
(31) Priority Document No	:11/373,082
(32) Priority Date	:09/03/2006
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2007/063666 :09/03/2007
(87) International Publication No	:WO/2007/104038
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1789/MUMNP/2008 :21/08/2008

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1)HORN, Gavin, Bernard
2)JAIN, Nikhil

(57) Abstract :
A system and method are provided for a multi-network wireless communications access terminal (AT) to access multi-network coverage. The method registers a multi-network AT in a first communications network. In response to registering with the first network, the AT receives information via the first network that is required for accessing a second communications network (e.g., an IEEE 802.20 or 1xEV-DO network). The AT obtains services accessed via the second network, in response to the access information received via the first network. For example, the second network access information may be system information, channel information, or access point parameters. The AT retains the option of obtaining services accessed via the first network if the second network cannot be accessing the second network.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.135/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TORIC-DIFFRACTIVE LENS

(51) International classification	:A61F2/16, G02B5/18, G02C7/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ARGAL, SANJAY RAM SWAROOP
3)HUSSAIN, MUNAVVAR TAHIR

(57) Abstract :
A multifocal lens device is disclosed. The device comprises, a lens body having two opposite sides, wherein a first side has an aspheric profile and a diffractive pattern formed thereon, and the second side has a toric profile and is devoid of any diffractive pattern. In some embodiments of the present invention the diffractive pattern covers at least 80% of an area of the aspheric profile.

No. of Pages : 71 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2124/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AIR SUPPLY SYSTEM FOR AN AIRJET WEAVING MACHINE

(51) International classification	:G05D16/20, D03D47/30
(31) Priority Document No	:BE 2011/0356
(32) Priority Date	:15/06/2011
(33) Name of priority country	:Belgium
(86) International Application No Filing Date	:PCT/EP2012/060726 :06/06/2012
(87) International Publication No	:WO 2012/171841
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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

(57) Abstract :
Air supply system having a pilot controlled pressure regulator (2) with an actuator (19) and a valve element (18) wherein the actuator (19) is loaded by a load of a pilot pressure exerted against the load of an output pressure and wherein a setting device (67) for setting the pilot pressure and a force enlarging device (45) for enlarging the load are provided. Air supply system wherein a pilot controlled pressure regulator (2) is provided.

No. of Pages : 50 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2125/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR DETECTING ANOMALIES DURING THE FILLING OF A LIQUID METERING DEVICE AND LIQUID METERING DEVICE

(51) International classification :B01L3/02,G01N35/10,G01F11/02
(31) Priority Document No :11 55747
(32) Priority Date :28/06/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/061258
Filing Date :14/06/2012
(87) International Publication No :WO 2013/000716
(61) Patent of Addition 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 :19 Avenue des Entrepreneurs ZI Tissonvilliers BP 145 F 95400 Villiers le Bel France
(72)**Name of Inventor :**
1)MILLET Frdric

(57) Abstract :
Process for detecting anomalies during the filling of a liquid metering device with a liquid to be metered said metering device comprising at least one suction member and at least one pressure control means arranged in order to measure a pressure relating to said suction member. The detection process comprises the steps consisting: in carrying out a prior pressure calibration of the filling of the device in calculating for a desired volume a tolerance zone having an upper limit and a lower limit from the prior pressure calibration and verifying whether the pressure remains within the tolerance zone during the filling of the metering device with the liquid to be metered.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2126/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FOOT PROTECTOR

(51) International classification :A43B19/00,A43B23/28,A43B7/14
(31) Priority Document No :1106315.3
(32) Priority Date :14/04/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050834
Filing Date :16/04/2012
(87) International Publication No :WO 2012/140449
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GILL Jasbir

(57) Abstract :
Foot protector (30) adapted to be worn between the foot and a predefined shaped item of outer footwear (10) comprising a thin flexible resilient elastic non slip membrane (30) shaped to grip the foot without slipping. The membrane (30) is of a complementary shape corresponding to the predefined shape of the outer footwear (10) so as to engage the outer footwear (10) in a non slip manner. The membrane (30 31 32 36) may have an orthopaedic style of support (41) integrally incorporated into the foot protector (30) to provide support under the arch of the foot of the wearer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2127/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND MEANS FOR IMPROVING PLANT PRODUCTIVITY THROUGH ENHANCING INSECT POLLINATION SUCCESS IN PLANT CULTIVATION

(51) International classification :A01H1/02,A01G7/04
(31) Priority Document No :11169473.3
(32) Priority Date :10/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/FI2012/050400
Filing Date :23/04/2012
(87) International Publication No :WO 2012/168539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIVIM„KI Ilkka
3)KOTILAINEN Titta

(57) Abstract :
The invention relates to the cultivation of insect (840) pollinated plants (710 711) in a greenhouse (700 701 and 802) environment. In more particular the invention relates to a lighting device and a method of illumination designed to enhance insect pollination in plants such as the tomato. The best mode of the invention is considered to be the use of a LED (101 102 103 and 104) lighting device having emission peaks (401 402 403 410 and 510) matching the photosynthetic relative absorption peaks of green plants and the relative reflectance peaks of flowers of plants being cultivated and the relative sensitivity peaks of the insect s vision being used in the pollination. The inventive lighting device and method reduces insect mortality and increases pollination efficiency photosynthetic growth and thereby increases the productivity of plant cultivation.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2013

(21) Application No.1556/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POSITIONING DEVICES AND METHODS IN CELLULAR COMMUNICATION SYSTEMS

(51) International classification :H04W64/00,G01S5/00,G01S5/02
(31) Priority Document No :61/445119
(32) Priority Date :22/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/051263
Filing Date :25/10/2011
(87) International Publication No :WO 2012/115557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WIGREN Karl Torbjrn

(57) Abstract :
A method performed in a positioning node for performing uplink positioning comprises receiving (210) of a request for uplink positioning of a user equipment. Information about carrier capabilities for uplink positioning measurements for carriers used in a serving cell of the user equipment is obtained (220). The method further comprises deciding (230) of which carrier to be used for uplink positioning measurements based at least on the information about carrier capabilities. An uplink positioning measurement request for the user equipment using the carrier decided to be used for uplink positioning measurements is transmitted (250). Data representing said requested uplink positioning measurements is received (252). Complementing methods of cooperating network nodes are also disclosed as well as arrangements of the nodes.

No. of Pages : 99 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2128/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PACKAGE

(51) International classification :B32B27/32,B65B11/48,B65D85/10
(31) Priority Document No :1109256.6
(32) Priority Date :02/06/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051253
Filing Date :01/06/2012
(87) International Publication No :WO 2012/164308
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SINGH Shalendra

(57) Abstract :
The present invention provides a method for forming a naked collation package comprising a) providing an arrangement of packages individually wrapped in a filmic material; b) providing a naked collation film for nakedly wrapping said individually wrapped packages the naked collation film comprising a polyoiefinic core layer C an inner sealing layer A on the inner surface of the naked collation film and a polyoiefinic outer sealing layer B on the outer surface of the naked collation film the material of the inner sealing layer A being selected for sealing incompatibility with the filmic material of the individually wrapped packages under a specified sealing condition and heat shrinking condition and the polyoiefinic material of the outer sealing layer B being selected for sealing compatibility with B and for sealing compatibility with A under the specified sealing condition wherein layers A and B are formed of different materials and layer B comprises at feast one polyoiefinic polymer and an antiblock component comprising at feast 0.2% by weight of the layer of silicone; c) arranging the individually wrapped packages in an ordered configuration; d) arranging the naked collation film such that it at feast partially surrounds although is not necessarily in contact with the ordered configuration of individually wrapped packages; and e) heat shrinking the naked collation film by exposing it to the heat shrinking condition causing the naked collation film to shrink and closely surround the arrangement of packages without being sealed to the packages. Naked collation film wrapped packages are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013

(21) Application No.2129/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOUND (IX) AND PROCESS OF PREPARATION THEREOF

(51) International classification :C07D417/04
(31) Priority Document No :60/889,587
(32) Priority Date :13/02/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2008/051704
Filing Date :13/02/2008
(87) International Publication No :WO/2008/098949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1505/MUMNP/2009
Filed on :11/08/2009

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2)REGINAULT, Philippe
3)BELLAMY, Fran§ois
4)LERMET, Anne

(57) Abstract :
This application relates to a polymorph form of the compound (IX), which remains dry at 80% relative humidity and thermodynamically stable at temperatures below 200°C. characterized by an X-ray diffraction pattern comprising characteristic peaks approximately 7.269, 9.120, 11.038, 13.704, 14.481, 15.483, 15.870, 16.718, 17.087, 17.473, 18.224, 19.248, 19.441, 19.940, 20.441, 21.469, 21.750, 22.111, 23.319, 23.763, 24.120, 24.681, 25.754, 26.777, 28.975, 29.609, 30.073 degrees 9.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013

(21) Application No.2130/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MULTI-NETWORK COVERAGE

(51) International classification	:H04L12/28, H04W88/06
(31) Priority Document No	:11/373,082
(32) Priority Date	:09/03/2006
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2007/063666 :09/03/2007
(87) International Publication No	:WO/2007/104038
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1789/MUMNP/2008 :21/08/2008

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2)HORN, Gavin, Bernard

(57) Abstract :
A system and method are provided for a multi-network wireless communications access terminal (AT) to access multi-network coverage. The method registers a multi-network AT in a first communications network. In response to registering with the first network, the AT receives information via the first network that is required for accessing a second communications network (e.g., an IEEE 802.20 or 1xEV-DO network). The AT obtains services accessed via the second network, in response to the access information received via the first network. For example, the second network access information may be system information, channel information, or access point parameters. The AT retains the option of obtaining services accessed via the first network if the second network cannot be accessing the second network.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013

(21) Application No.2131/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COLLABORATIVE VEHICLE CONTROL USING BOTH HUMAN OPERATOR AND AUTOMATED CONTROLLER INPUT

(51) International classification :B60Q1/00
(31) Priority Document No :13/111500
(32) Priority Date :19/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028711
Filing Date :12/03/2012
(87) International Publication No :WO 2012/158248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SANCHEZ Julian
3)ANDERSON Eric R.
4)SAHLIN Mark P.

(57) Abstract :
Control of a vehicle (106) to perform a task employs first control input (122) provided by a human operator (126) and second control input (124) provided by an automated controller (128). A relationship between the first control input (122) and the second control input (124) is determined. Either the first control input (122) or the second control input (124) is used to control the vehicle (106) to perform the task based on the determined relationship. An indicator (150) may be used to indicate to the operator (126) when the control input (122) provided by the human operator (126) is being used to control the vehicle (106).

No. of Pages : 68 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2132/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VEHICLE BODY SIDE STRUCTURE

(51) International classification :B62D25/04,B62D25/20
(31) Priority Document No :2011131820
(32) Priority Date :14/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065672
Filing Date :13/06/2012
(87) International Publication No :WO 2012/173278
(61) Patent of Addition 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)SHIOZAKITsuyoshi
2)FUJITA Takeshi

(57) Abstract :
Provided is a vehicle body side structure that can afford lighter weight while ensuring rigidity and strength in a vehicle body side structure of a side sill and a center pillar joined together. The vehicle body side structure (1) is formed by a side sill (3) and a center pillar (5) joined together and is characterized in that the center pillar (5) at the bottom end side thereof is joined to the side sill (3) so as to cover the two outside surfaces of the inner and outer of the side sill (3) the side sill (3) being provided with: a closed cross section component (9) that has a closed cross section constituted by forming a single blank panel into a tubular shape and joining the two edges together with a flange portion (7) that has two edges being disposed at the vehicle interior side; and a reinforcing component (13) disposed inside the closed cross section component (9) at a minimum within the area thereof where the center pillar (5) is joined and attached in such a way as to connect the facing longitudinal walls of the closed cross section component (9).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013

(21) Application No.2133/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS AND METHOD FOR CONVERTING MOVEMENT INTO ENERGY

(51) International classification :F03B13/16,F03B13/18,F03B13/14
(31) Priority Document No :1106554.7
(32) Priority Date :18/04/2011
(33) Name of priority country :GB
(86) International Application No :PCT/GB2012/050845
Filing Date :17/04/2012
(87) International Publication No :WO 2012/143708
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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(57) Abstract :
Apparatus for converting movement into energy comprising a buoyant or floating body fully (1 9 11) submerged in a fluid medium. The buoyant body is supported in the fluid by a buoyancy or similar force acting in a first direction. A connecting or mooring line connects the buoyant body (1 9 11) to a pivot point displaced from the buoyant body in the direction from which the buoyancy or similar force acts on the buoyant body and formed by a counterweight (2). The apparatus also includes at least one power or energy take off line (3) separate from the connecting or mooring line to convert movement of the buoyant body into energy.

No. of Pages : 22 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.1493/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : (PYRIDIN 4 YL)BENZYLAMIDES AS ALLOSTERIC MODULATORS OF ALPHA 7 NACHR

(51) International classification :C07D213/40,C07D213/82,C07D401/12
(31) Priority Document No :11155937.3
(32) Priority Date :25/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/053047
Filing Date :23/02/2012
(87) International Publication No :WO 2012/113850
(61) Patent of Addition 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)MACDONALD Gregor James

(57) Abstract :
The present invention relates to (pyridin 4 yl)benzylamides derivatives and pharmaceutically acceptable salts thereof processes for preparing them pharmaceutical compositions containing them and their use in therapy. The invention particularly relates to positive allosteric modulators of nicotinic acetylcholine receptors such positive allosteric modulators having the capability to increase the efficacy of nicotinic receptor agonists.

No. of Pages : 80 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.2135/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF REMOVING HEADS PACE FROM A FILLED CONTAINER AND CONTAINER COMPRISING A VALVE

(51) International classification :B67C3/22,B65D77/22
(31) Priority Document No :11168389.2
(32) Priority Date :01/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058347
Filing Date :07/05/2012
(87) International Publication No :WO 2012/163627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GNYOL –zg¼r
3)OUDEHAND Leon. Bernard
4)VAN DE POLL Jonkheer Theodoor Hendrik

(57) Abstract :
The invention relates to a method of removing headspace (3) from a filled container (1). The method comprises providing a container that is filled with a product (2) and that further holds a gas containing headspace. The container comprises a valve (100) that allows gas to be expelled from the container. The method further comprises applying a pressure difference over the one way valve to remove gas contained in the headspace through the valve to reduce the headspace.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.2136/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AN EDIBLE COMPOSITION

(51) International classification :A23L1/30,A61K31/352,A61K31/7048
(31) Priority Document No :11168797.6
(32) Priority Date :06/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059956
Filing Date :29/05/2012
(87) International Publication No :WO 2012/168108
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FOWLER Mark Ian
3)HEATH Alan David

(57) Abstract :
Foods or meals high in available carbohydrate such as sucrose or starch increase postprandial blood glucose concentrations. Repeated high post prandial plasma glucose spikes are associated with an increased risk of developing type II diabetes. Unregulated glycemic excursions are undesirable and any reduction or blunting of the post prandial glucose concentration in blood is potentially beneficial. This invention relates to an edible composition for delay of intestinal glucose uptake through synergistic inhibition of both active sodium glucose co transporter 1 (SGLT1) and passive glucose transporter 2 (GLUT2) leading to flattening or blunting of the post prandial glucose peak. Thus in a first aspect of the invention an edible composition is provided the composition comprising at least 5% dry weight at least one flavonoid aglycone and at least 5% dry weight at least one flavonoid glucoside wherein the flavonoid glucoside is at least 20 % preferably at least 40 % most preferably at least 60 % more resistant to hydrolysis by lactase phloridzin hydrolase than quercetin 4 glucoside and wherein the flavonoid aglycone is a GLUT 2 inhibitor and the flavonoid glucoside is a SGLT 1 inhibitor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.2137/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPLICATION CONTROL IN ELECTRONIC DEVICES

(51) International classification :G06F9/44,G06F3/048
(31) Priority Document No :1107273.3
(32) Priority Date :28/04/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/000397
Filing Date :30/04/2012
(87) International Publication No :WO 2012/146900
(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)JOYCE, Kevin
5)JOHNSTONE, Ken
6)EGER, Nicola
7)GUPTA Alexis

(57) Abstract :
A portable electronic device is provided comprising a display screen area for providing visual feedback and for receiving gestures inputs and a switching controller to enable switching between multiple applications that have been executed on the device the switching controller being adapted to interact with an operating system on the device and including a number of software components that interact with components that are native to an operating system on the device and wherein the device further comprises a processor for invoking procedures relating to the particular components of the switching controller wherein the switching controller comprises a task management component for maintaining an ordered list of tasks that are running on the device and allowing for task status to be changed. A method is also provided for controlling switching between a plurality of applications in a portable electronic device the method comprising a display screen wherein the method includes generating an ordered list of the plurality of applications that are running on a device and controlling switching between the applications on the basis of the list. A computer readable medium comprises computer program code for causing an electronic device to carry out the method

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.2077/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : STACKABLE CONTAINER

(51) International classification :B65D21/02,B65D25/28,B65D85/26
(31) Priority Document No :13/116692
(32) Priority Date :26/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001025
Filing Date :25/05/2012
(87) International Publication No :WO 2012/160439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ESACK Joshua A.

(57) Abstract :
A container (10) for storing welding electrodes includes a container body (11) and a container cap (25) constructed via thermoplastic injection molding. The container is constructed with walls (13) that define an interior region and complementary upper and lower surfaces. When multiple containers (10) are stacked together the upper surface of one container (10) engages the lower surface of an adjacent container (10) thereby restraining lateral movement between the containers. However the configuration of the upper and lower surfaces allows for longitudinal movement between the containers. The container (10) further comprises an adapter (60) configured to engage an open end of the stackable container body (11) to secure the container (10) to a user.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2078/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMBINATIONS OF SOLIFENACIN AND SALIVARY STIMULANTS FOR THE TREATMENT OF OVERACTIVE BLADDER

(51) International classification	:A61K31/4178,A61K31/4725,A61K9/00
(31) Priority Document No	:61/484658
(32) Priority Date	:10/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/037006 :09/05/2012
(87) International Publication No	:WO 2012/154774
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)DUCHIN Kenneth L.
4)FLUGEL Roger S.

(57) Abstract :
Disclosed herein are pharmaceutical compositions comprising a therapeutically effective amount of extended release solifenacin or a pharmaceutically acceptable salt thereof and a therapeutically effective amount of pilocarpine or a pharmaceutically acceptable salt thereof. Also disclosed herein are methods of treating a patient suffering from overactive bladder the method comprising identifying a patient in need thereof and administering to the patient a therapeutically effective amount of extended release solifenacin or a pharmaceutically acceptable salt thereof and a therapeutically effective amount of pilocarpine or a pharmaceutically acceptable salt thereof. Also disclosed herein are methods of alleviating a side effect of treatment for overactive bladder in a patient suffering therefrom the method comprising identifying a patient in need thereof and administering to the patient a therapeutically effective amount of extended release solifenacin or a pharmaceutically acceptable salt thereof and a therapeutically effective amount of pilocarpine or a pharmaceutically acceptable salt thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2079/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THIAZOLE COMPOUND AND PREPARATION METHOD AND USE THEREOF

(51) International classification :C07D277/56,C07D277/60,C07D417/04
(31) Priority Document No :201110120207.9
(32) Priority Date :10/05/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/075142
Filing Date :07/05/2012
(87) International Publication No :WO 2012/152208
(61) Patent of Addition 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)ZHANG Yangming
4)LI Jia
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6)SU Mingbo
7)DING Jian
8)MENG Linghua
9)XIE Xin
10)WANG Shixian

(57) Abstract :
The present invention disclosed a class of thiazole compounds of general formula (I) and the preparation method and use thereof. More particularly The present invention disclosed a derivative of natural product largazole the preparation method thereof and the use in the field of antitumor and multiple sclerosis treatment as a histone deacetylase inhibitor.

No. of Pages : 59 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.2140/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HYBRID POSITIONING USING TIMING REFERENCE INFORMATION

(51) International classification :G01S19/46,G01S19/09
(31) Priority Document No :61/492737
(32) Priority Date :02/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/059431
Filing Date :04/11/2011
(87) International Publication No :WO 2012/166196
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)WERNER Benjamin A.

(57) Abstract :
Methods and apparatuses for a mobile station to obtain a position fix using synchronous hybrid positioning and asynchronous hybrid positioning techniques are described. In one embodiment a wireless communication apparatus may transmit a request to a mobile station for timing reference information. The apparatus may be configured to receive the timing reference information first timing measurements from a first positioning technology and second timing measurements from a second positioning technology. The apparatus may identify whether the mobile station is capable of supporting synchronous hybrid positioning based on the timing reference information. If it is synchronous hybrid capable then the apparatus may then establish a position fix for the mobile station using a synchronous hybrid positioning technique that involves relating the first and second timing measurements to a common time scale based on the timing reference information. If it is not synchronous hybrid capable then the apparatus may establish a position fix for the mobile station using an asynchronous hybrid positioning technique wherein the time scales of the first and second timing measurements are not interrelated.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2083/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRESSING DEVICE FOR A PRESS AND A ROTARY PRESS

(51) International classification :B30B11/00,B30B11/08,B30B15/00
(31) Priority Document No :10 2011 101 291.9
(32) Priority Date :10/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001690
Filing Date :19/04/2012
(87) International Publication No :WO 2012/152374
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HBNER, Kai
2)SEIFERT Werner

(57) Abstract :
The invention relates to a printing assembly for a press in particular for a rotary printing press wherein the printing assembly is designed to cooperate with at least one die of the press during operation of the press such that the at least one die compresses material located in a receptacle. The printing assembly comprises a force measuring device for measuring the force exerted on the printing assembly by the at least one die wherein at least one section of the printing assembly can be moved between a closed operating position and an open maintenance position. In the open maintenance position the force measuring device can be accessed at least partially from the outside. The invention further relates to a rotary printing press.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2084/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITION AND METHOD TO FORM A SELF DECONTAMINATING SURFACE

(51) International classification	:C09D7/12, C09D5/00, D06M15/643
(31) Priority Document No	:61/476233
(32) Priority Date	:15/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/033844 :16/04/2012
(87) International Publication No	:WO 2012/142621
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ALLIED BIOSCIENCE SERVICES, INC.
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(72)**Name of Inventor :**
1)GEOFFRION Charles
2)GROSSMAN Craig

(57) Abstract :
A method to prepare a self decontaminating surface where that method includes disposing a first coating on a surface where that first coating comprises an organosilane and disposing a second coating over the first coating where the second coating comprises TiO2.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2085/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMBUSTION DEVICE COMBUSTION METHOD AND ELECTRIC POWER GENERATING DEVICE AND ELECTRIC POWER GENERATING METHOD USING SAME

(51) International classification :F23G5/16,F23G5/00,F23G5/04
(31) Priority Document No :2011-092979
(32) Priority Date :19/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/074723
Filing Date :26/10/2011
(87) International Publication No :WO 2012/144101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ONOSE Kazuhiro

(57) Abstract :
[Problem] To provide a combustion device of high combustion efficiency in which additional charging of combustion material containing solids is also possible and an electric power generating device using same. [Solution] The combustion method that burns combustion material inside a combustion device comprises: a process of charging the combustion material in the combustion chamber of the combustion device; a process of igniting and burning said combustion material; a process of supplying air or combustion aiding gas (called air etc. below) to the flame resulting from the combustion of said combustion material from outside of the flame; a process of secondary combustion of the combustion material by said air etc.; and a process of smoke exhaustion; and in particular comprises a process of additionally charging combustion material that at least contains solids into said combustion chamber during combustion of the combustion material.

No. of Pages : 49 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.2086/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS

(51) International classification :C07D239/48,C07D401/12,C07D403/12
(31) Priority Document No :11161595.1
(32) Priority Date :08/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056388
Filing Date :10/04/2012
(87) International Publication No :WO 2012/136834
(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)EMBRECHTS Werner
4)JONCKERS Tim Hugo Maria
5)LAST Stefaan Julien
6)PIETERS Serge Maria Aloysius
7)VLACH Jaromir

(57) Abstract :
This invention relates to pyrimidine derivatives processes for their preparation pharmaceutical compositions and their use in treating viral infections such as HCV or HBV.

No. of Pages : 172 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.2148/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXHAUST PURIFICATION DEVICE OF INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/067301
Filing Date :28/07/2011
(87) International Publication No :WO 2013/014788
(61) Patent of Addition 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)MORI Toshihiro
2)BISAIJI Yuki

(57) Abstract :
An exhaust purification device of an internal combustion engine comprises: a first catalyst (234) provided to an exhaust channel of an internal combustion engine (200); a second catalyst (235) provided to the exhaust channel on the downstream side of the first catalyst; a reducing agent supply means (233) provided to the upstream side of the first catalyst and used for supplying a reducing agent in the exhaust channel; and a reducing agent supply control means (100) for controlling the reducing agent supply means so that the air fuel ratio on the upstream side of the first catalyst instantaneously becomes rich.

No. of Pages : 47 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2013

(21) Application No.2143/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FUEL INJECTOR

(51) International classification :F02M61/10,F02M51/06,F02M61/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/036551
Filing Date :13/05/2011
(87) International Publication No :WO 2012/158153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MEYER Andrew E.

(57) Abstract :
A fuel injector body has a fuel chamber and a valve seat around a fuel outlet. A valve body is positioned at the valve seat and a valve stem extends through the fuel outlet and fuel chamber. Engagement (disengagement) of valve body and valve seat closes (opens) the injector. The fuel chamber can comprise primary and secondary chambers connected by a valve passage and a metering member that restricts fuel flow between the chambers thereby providing a flow dependent closing force that reduces the dependence of fuel flow through the injector on fuel inlet pressure and that makes that flow dependent on an injector actuating force. The injector body or the valve body can comprise a spray shaping surface arranged at least partly around the valve seat which spray shaping surface is arranged to direct a spray of fuel flowing through the fuel outlet.

No. of Pages : 30 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2013

(21) Application No.2144/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM FOR CONVERTING GREENHOUSE GAS EMISSIONS TO CARBON CREDIT AND METHOD FOR SAME

(51) International classification :G06Q50/00
(31) Priority Document No :1020110060014
(32) Priority Date :21/06/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/004780
Filing Date :30/06/2011
(87) International Publication No :WO 2012/176949
(61) Patent of Addition 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)SEO Jong Hyuk
3)NA Yun Bok
4)SEO Yong Gi

(57) Abstract :
The present invention relates to a system for converting greenhouse gas emissions to carbon credit and a method for same. The system for converting the greenhouse gas emissions to carbon credit includes a carbon emission reduction device which detects an amount of fuel filled in a vehicle and an amount of fuel used by the vehicle minimizes the supply of fuel to the engine of the vehicle to prevent excessive fuel consumption and limit carbon emissions when the vehicle does not move within a preset time supplies fuel to the engine of the vehicle in a normal manner when the vehicle is moved according to detection of the acceleration pedal of the vehicle generates carbon dioxide reduction information by adding or subtracting an emitted amount of carbon dioxide that is limited during an idling prevention time to or from the emitted amount of carbon dioxide of the vehicle and converts the carbon dioxide reduction information to carbon credit which includes a generated economic value upon reduction of a ton of carbon emissions. According to the present invention a greenhouse gas reference emission amount for the vehicle may be reduced and the greenhouse gas reduction amount for the vehicle may be converted into carbon credit that includes an economic value through the carbon emission reduction device so as to induce active participation by individuals for the reduction of greenhouse gas. Thus the country companies and also individuals may play a role in resolving the problem of global warming and the economic value of carbon credit generated by reducing the greenhouse gas from the vehicle may be sold or transferred to or acquired from the country or companies to provide economic benefit to the individual and stable growth for the companies.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2013

(21) Application No.2145/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESSING BIOMASS

(51) International classification :C12P7/10,C13K1/02,C08H8/00
(31) Priority Document No :61/495217
(32) Priority Date :09/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/041382
Filing Date :07/06/2012
(87) International Publication No :WO 2012/170707
(61) Patent of Addition 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)BAE Seul a
3)VALDEZ Randy
4)MASTERMAN Thomas Craig

(57) Abstract :
Biomass feedstocks (e.g. plant biomass animal biomass and municipal waste biomass) are processed to produce useful products such as fuels. For example systems are described that can convert feedstock materials to a sugar solution which can then be fermented to produce a product such as a biofuel.

No. of Pages : 72 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/01/2013

(21) Application No.121/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : KEY, OR KEY BLANK, FOR A CYLINDER LOCK

(51) International classification	:E05B29/00, E05B9/04
(31) Priority Document No	:2012 A 000100
(32) Priority Date	:07/02/2012
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MOTTURA SERGIO

(57) Abstract :
A key. or key blank, for a cylinder lock comprises a substantially elongated and flattened body (3) having two opposite main faces (31. 32), and a first engagement member (301) and a second engagement member (302), which are provided for co-operating with elements of the cylinder lock and are movable, within holes (306, 307) formed through the body (3) and giving out onto the main faces (31, 32), each between a position where it projects from a respective main face and a position where it is retracted within the respective hole. Provided within the body (3) are spring means (303) that push the first and second engagement members (301, 302) towards positions where they project from the main faces (31, 32) via a third control member (304) that is movable within the body (3) in a longitudinal direction of the body and that is pushed by the spring means (303) towards a position in which it sets itself between the first and second engagement members (301, 302) in such a way as to keep them in positions where they project. In a preferred embodiment, the two engagement members (301, 302) and the third control member (304) are constituted by balls.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.1896/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING MACULAR DEGENERATION

(51) International classification :A61K31/4164,A61K31/35,A61P27/02
(31) Priority Document No :10-2011-0028946
(32) Priority Date :30/03/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/002310
Filing Date :29/03/2012
(87) International Publication No :WO 2012/134187
(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)SUH Jee Hee
5)JOO Choun Ki
6)CHOI Jun Sub
7)YANG Jae Sik
8)LEE Geun Hyeog
9)CHO Yun Seok
10)PARK Jin Ha
11)LEE Hye Sung

(57) Abstract :
The present invention relates to a pharmaceutical composition for preventing or treating macular degeneration. The pharmaceutical composition of the present invention contains as an active ingredient benzopyrane derivatives substituted with secondary amines including imidazole or the pharmaceutically acceptable salts thereof. The pharmaceutical composition of the present invention may be used in the form of eye drops.

No. of Pages : 47 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2013

(21) Application No.2251/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MEDICAL PROBE WITH FLUID ROTARY JOINT

(51) International classification :A61M25/00,A61M25/092,A61M25/10
(31) Priority Document No :61/490930
(32) Priority Date :27/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050350
Filing Date :28/05/2012
(87) International Publication No :WO 2012/162829
(61) Patent of Addition 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)COURTNEY Brian
2)THIND Amandeep
3)JOURARD Isaac

(57) Abstract :
A catheter is provided that includes an external sheath a rotatable conduit housed within the external sheath and a fluid rotary joint having a rotatable insert that places an inner lumen of the rotatable conduit in fluid communication with an external port under rotation of the rotatable conduit. The rotatable insert may include a channel structure including an external annular channel. The rotatable conduit is received within the channel structure such that the inner lumen is in fluid communication with the external port through the annular channel under rotation of the rotatable conduit. The external sheath may define an outer lumen that may be in fluid communication with the inner lumen at a location remote from a proximal portion of the catheter and the outer lumen may be in fluid communication with a secondary port. The rotatable conduit may be housed within a torque cable that is connected to the rotatable insert.

No. of Pages : 67 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2013

(21) Application No.2253/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NEEDLE GUARD WITH AN ACTIVE STATE AND A PASSIVE STATE

(51) International classification :A61M5/32
(31) Priority Document No :1150633-4
(32) Priority Date :05/07/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050771
Filing Date :04/07/2012
(87) International Publication No :WO 2013/006134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DOMONKOS Robert

(57) Abstract :
The present invention discloses a needle guard(100) for protecting a needle (210) from accidental contact comprising: a spring loaded needle shield (110) being pivotable from an open position in which the needle shield (110) is separated from the needle (210) to a closed position in which the needle shield (110) is enclosing and protecting the needle (210);and a mounting base (140) having a constant spatial relationship with the needle (210) when the needle guard(100) is being used the mounting base (140) being movably connected to the needle shield (110)for enabling movement between the open and the closed position; wherein the needle shield (110) is having a passive state and an active state the needle shield (110) being urged towards the closed position when in the active state. Methods of manufacturing the needle guard (100)and a needle guard assembly comprising the needle guard (100) are also disclosed.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2013

(21) Application No.2254/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH PURITY YTTRIUM PROCESS FOR PRODUCING HIGH PURITY YTTRIUM HIGH PURITY YTTRIUM SPUTTERING TARGET METAL GATE FILM DEPOSITED WITH HIGH PURITY YTTRIUM SPUTTERING TARGET AND SEMICONDUCTOR ELEMENT AND DEVICE EQUIPPED WITH SAID METAL GATE FILM

(51) International classification :C22B59/00,C22B9/02,C22C28/00
(31) Priority Document No :2011-150067
(32) Priority Date :06/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071131
Filing Date :15/09/2011
(87) International Publication No :WO 2013/005349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TAKAHATA Masahiro

(57) Abstract :
Provided are high-purity yttrium and a high-purity yttrium sputtering target each having a purity, excluding rare earth elements and gas components, of 5 N or more and containing 1 wt ppm or less of each of Al, Fe. and Cu; a method of producing high-purity yttrium by molten salt electrolysis of a raw material being a crude yttrium oxide having a purity, excluding gas components, of 4N or less at a bath temperature of 500oC to 800°C to obtain yttrium crystals, desalting treatment, water washing, and drying of the yttrium crystals, and then electron beam melting for removing volatile materials to achieve a purity, excluding rare earth elements and gas components, of 5N or more: and a technology capable of efficiently and stably providing high-purity yttrium, a sputtering target composed of the high-purity yttrium, and a metal-gate thin film mainly composed of the high-purity yttrium.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.2255/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR TUNING OF MOVEMENT DISORDER THERAPY DEVICES

(51) International classification :A61N1/36
(31) Priority Document No :13/153063
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040118
Filing Date :31/05/2012
(87) International Publication No :WO 2012/166860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HELDMAN Dustin A.
3)MERA Thomas O.

(57) Abstract :
A system and method for tuning the parameters of a therapeutic medical device comprises a movement measurement data acquisition system capable of wireless transmission; processing comprising kinematic feature extraction a scoring algorithm trained using scores from expert clinicians a therapeutic device parameter setting adjustment suggestion algorithm preferably trained using the parameter setting adjustment judgments of expert clinicians; and a display and/or means of updating the parameter settings of the treatment device. The invention facilitates the treatment of movement disorders including Parkinsons disease essential tremor and the like by optimizing deep brain stimulation (DBS) parameter settings eliminating as much as possible motor symptoms and reducing time and costs of surgical and outpatient procedures and improving patient outcomes. In preferred embodiments the system provides recommendations for treatment which may be semi automatically or automatically applied to update the parameter settings of a treatment device such as a DBS implant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.2256/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING DUCT INTEGRATED FLOOR RAISING MATERIAL

(51) International classification :B29C49/04,B29C49/50,B29C49/60
(31) Priority Document No :2011-144962
(32) Priority Date :29/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004261
Filing Date :29/06/2012
(87) International Publication No :WO 2013/001842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUNATO Takafumi
3)ISHIDA Ryuichi
4)TAMADA Teruo

(57) Abstract :
This method for manufacturing an integrated floor raising material/duct has the following steps: a step in which a molten tubular parison is disposed between the two halves of a split mold in an open position; a step in which the two halves of said split mold are moved towards each other to a closed position thereby flattening the parison causing the parison to protrude from pinch off parts welding the parison together at points corresponding to the pinch off parts of the mold and forming a first sealed space corresponding to a first hollow section a second sealed space corresponding to a second hollow section and a third sealed space corresponding to a duct section and a pouch of excess material to be discarded; a step in which a blow pin is inserted through the outside surface of the parison section corresponding to each of the aforementioned spaces and a pressurized fluid is injected through said blow pins thereby expanding the parison pressing the parison against the surface of the split mold cavity and forming the aforementioned first hollow section second hollow section and duct section and excess material; and a step in which said excess material is cut off to form an inlet or outlet in the duct section.

No. of Pages : 64 No. of Claims : 21

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

(21) Application No.2107/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POWER SYSTEM WITH TURBINE BYPASS AND METHOD OF OPERATING A POWER SYSTEM

(51) International classification :F02G5/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/033348
Filing Date :21/04/2011
(87) International Publication No :WO 2012/145000
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HORNE Thomas Alan

(57) Abstract :
A power system includes an engine including an exhaust line a turbine in the exhaust line a bypass line connected to the exhaust line upstream of the turbine and comprising a controllable bypass valve and a controller arranged to control opening of the bypass valve to bypass the turbine when for example the engine is operated such that power is transmitted from the crankshaft to the turbine shaft and/or at least one of an engine load an engine speed and an exhaust line pressure are below predetermined levels. A method of operating a power system is also disclosed.

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

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

(21) Application No.2108/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AIR SUPPLY SYSTEM FOR AN AIRJET WEAVING MACHINE

(51) International classification	:G05D16/20, D03D47/30,
(31) Priority Document No	:BE 2011/0354
(32) Priority Date	:15/06/2011
(33) Name of priority country	:Belgium
(86) International Application No Filing Date	:PCT/EP2012/060725 :06/06/2012
(87) International Publication No	:WO 2012/171840
(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)MAERTENS Koen

(57) Abstract :
A method for supplying air and an air supply system for an airjet weaving machine wherein the air supply system (1) comprises a pilot controlled first pressure regulator (2) and wherein the air supply system (1) comprises an open loop control unit (21) arranged for controlling a control variable for the pilot controlled first pressure regulator (2) in dependence of calibration data.

No. of Pages : 52 No. of Claims : 17

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

(21) Application No.2109/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COSMETIC

(51) International classification :A61K8/64,A61K8/97,A61K8/36
(31) Priority Document No :61/589592
(32) Priority Date :23/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/022728
Filing Date :23/01/2013
(87) International Publication No:WO 2013/112569
(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 composition is provided that includes a fish spawn protein isolate. A natural product extract is also present that includes unsaturated fatty acids and sterols. An emulsifier is provided to form a mixture of the isolate and the extract. A composition is also provided that includes an egg hatching protein isolate and at least one biocide protective of isolate activity. An emulsifier forms a mixture with the isolate that has an aqueous phase buffered to a pH of between 5.6 and 7.9. A process of producing such a cosmetic has an emulsion or an aqueous phase that is buffered to a pH of between 5.5 and 7.9 prior to the addition of isolate to the emulsion. A process of improving skin appearance is provided that includes the application of the cosmetic to the skin at least three times per week to achieve the improvement of the skin appearance.

No. of Pages : 30 No. of Claims : 50

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

(21) Application No.2263/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ASSEMBLY FOR SECURING TWO JUXTAPOSED PANELS TO A STRUCTURE SO AS TO ALLOW THERMAL EXPANSION AND CONTRACTION

(51) International classification :E04C2/54,E04D3/28
(31) Priority Document No :213693
(32) Priority Date :21/06/2011
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2012/050215
Filing Date :21/06/2012
(87) International Publication No :WO 2012/176207
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An assembly (10) secures to a structure (80) a panel or two juxtaposed panels (11 12) each having a joining flange (15) in association with an edge thereof defining a longitudinal axis of the panel. The joining flanges are fastened by at least one securing element (16) that may include or have associated therewith a respective retaining member (30). For each securing element (16) a respective support element (20) is fixedly mounted to the structure and configured for slidably supporting the panels in a direction parallel to the longitudinal axis. Each support element (20) supports opposing side walls (22 23) forming a channel (24) dimensioned for free sliding therein of the respective securing element (16) or associated retaining member and each panel is supported by the at least one securing element without applying lateral pressure to the side walls (22 23) of the respective support element (20).

No. of Pages : 27 No. of Claims : 20

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

(21) Application No.2104/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : REFRIGERATION DEVICE

(51) International classification :F25B1/10,F25B1/00
(31) Priority Document No :2011101220
(32) Priority Date :28/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/002933
Filing Date :27/04/2012
(87) International Publication No :WO 2012/147367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOMORI Kou
3)KAWANO Bunki
4)TAGUCHI Hidetoshi

(57) Abstract :
As a refrigeration device an air conditioning device (1A) is equipped with: a cooling medium circuit (2) wherein an evaporator (25) a first compressor (21) a steam cooler (3) a second compressor (22) and a condenser (23) are connected in this order; a heat dissipation circuit (4) that circulates a heat medium between the condenser (23) and a first heat exchanger (5) which discharges heat into the air; and a heat absorption circuit (6) that circulates a heat medium between the evaporator (25) and a second heat exchanger (7). The steam cooler (3) is a heat exchanger that exchanges heat between the refrigerant vapor compressed by the first compressor (21) and the heat medium flowing in the heat dissipation circuit (4) or the heat medium flowing in the heat absorption circuit (6).

No. of Pages : 47 No. of Claims : 14

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

(21) Application No.2105/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SCOURER HAVING A SHAPE SUPPORTING BODY

(51) International classification :A47L17/08
(31) Priority Document No :1020110033688
(32) Priority Date :12/04/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/004203
Filing Date :08/06/2011
(87) International Publication No :WO 2012/141377
(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)PARK Chang Soo
(72)**Name of Inventor :**
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2)SONG Chi Hwa
3)PARK Chang Soo

(57) Abstract :
Disclosed is a scourer having a shape supporting body. The scourer (10) comprises: a net body (2) which has a plurality of mesh loops that are sparsely and/or densely formed and is easy to bend or fold; and a shape supporting body (13) which is made using a synthetic resin or rubber has a flat shape is attached to one portion of one surface of the net body (2) and has a serrated part (13b) wherein a plurality of serrations (13bb) are formed along at least one edge (13a). Consequently the present invention makes it possible to conveniently remove detritus which is loosely or firmly attached not only to the surfaces of various kitchen containers or containers having diverse uses but also to narrow and deep recesses or inside corners in such containers and the like.

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

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

(21) Application No.2106/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOBILE SOUND REPRODUCING SYSTEM

(51) International classification :H04R1/28,H04H40/00
(31) Priority Document No :2011121330
(32) Priority Date :27/05/2011
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2012/000010
Filing Date :17/01/2012
(87) International Publication No :WO 2012/166002
(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 :
Proposed device relates to sound playback. Playback device is made in the shape of a polyhedron and is equipped with preferably gravity controlled switch for operation modes and reception of input signals selection. The channel assigned is directly linked to the side the unit stands on as a base. When placed on front or back sides the unit is turned off.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.2260/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NEW CYCLOPENTA[B]FLUORENYL TRANSITION METAL COMPOUND CATALYST COMPOSITION CONTAINING THE SAME AND METHOD OF PREPARING ETHYLENE HOMOPOLYMER OR COPOLYMER OF ETHYLENE AND A OLEFIN USING THE SAME

(51) International classification :C07F17/00,C08F4/6592,C08F10/02
(31) Priority Document No :1020110055719
(32) Priority Date :09/06/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/004511
Filing Date :08/06/2012
(87) International Publication No :WO 2012/169811
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)JEON Chan Woong
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(57) Abstract :
The present invention relates to a new transition metal compound based on cyclopenta[b]fluorenyl group a transition metal catalyst composition containing the same and having high catalytic activity for preparing an ethylene homopolymer or a copolymer of ethylene and one a olefin a method of preparing an ethylene homopolymer or a copolymer of ethylene and a olefin using the same and the prepared ethylene homopolymer or the copolymer of ethylene and a olefin.

No. of Pages : 115 No. of Claims : 16

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

(21) Application No.2261/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EMPTY BOTTLE INSPECTION

(51) International classification :G01N21/90
(31) Priority Document No :10 2011 106 136.7
(32) Priority Date :10/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001895
Filing Date :02/05/2012
(87) International Publication No :WO 2012/167860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WIEMAR Heinrich
3)SCHORN Wolfgang
4)HERRMANN J¼rgen

(57) Abstract :
The invention relates to an inspection device (1) for monitoring bottles (2) or similar containers comprising at least one lighting unit (6) and at least one camera (7) wherein the at least one lighting unit (6) is arranged above the bottle (2) to be examined. In order also to be able to examine bottles (2) of different colours and in order to be able to detect for example also rust deposits (4) reliably according to the invention the lighting unit (6) is designed as a light source circuit board (6) the light sources (8) of which emit light that can be changed at least in colour to a bottle colour determined in the region of a bottle mouth (3) wherein the light sources (8) are arranged in radially spaced light source rings (9) each concentric about a midpoint of the light source circuit board (6) and emitted light is coupled at least partially into the interior of the bottle mouth. By means of LEDs light modulated in colour at least to the bottle colour is expediently coupled into the inner wall of the bottle mouth (3).

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

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

(21) Application No.2264/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SOFT PALATE SUPPORT HAVING LAYERED STRUCTURE AND IMPLANTING METHOD

(51) International classification :A61F2/20,A61F5/56,A61L27/06
(31) Priority Document No :201110169918.5
(32) Priority Date :22/06/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/075238
Filing Date :09/05/2012
(87) International Publication No :WO 2012/174954
(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 soft palate support having a layered structure (3) for treating sleep apnea syndrome or snoring and an implanting method. The soft palate support having a layered structure (3) is a flat implant made of a material capable of being implanted into a human body for a long time and comprises a hard palate connecting end (1) and a supporting body (2). The supporting body (2) is a layered structure capable of being inserted into a soft palate (7) and is formed from two or more than two layers of supporting boards (21) superposed. The supporting body (2) is fixed to the hard palate connecting end (1) removably or non removably. A connecting structure (11) connected with the hard palate (6) is disposed on the hard palate connecting end (1). The hard palate connecting end (1) is fixed to the hard palate (6) by the connecting structure (11). The supporting body (2) is implanted into muscular layers of the soft palate (7) the supporting body (2) being inserted into the soft palate (7) by a length equal to 1/5 to 4/5 of the total length of the soft palate (7). The layered structure formed by the superposed supporting boards (21) ensures the supporting force enhances the compliance of the supporting body (2) and substantially improves the fatigue life of the supporting body (2).

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

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

(21) Application No.2265/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CLARIFYING AGENTS FOR ORGANOMODIFIED SILICONES

(51) International classification :C08G77/388,C08G77/46,C08L83/08
(31) Priority Document No :13/156499
(32) Priority Date :09/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/041213
Filing Date :07/06/2012
(87) International Publication No :WO 2012/170606
(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 is provided herein a composition comprising a silicone copolymer of the general formula (I) MMDDTTEQ where M = RRRSiO; M = RRRSiO; D = RRSi0; D = RRSi0; T = RSi0; T = RSi0; and Q = Si0; where R R R R R R R R and R are each independently selected from the group of monovalent hydrocarbon radicals optionally containing heteroatoms carbonyl groups and hydroxyl groups each independently having from about 1 to about 20 carbon atoms; RE is a monovalent radical defined as: RO (CHO)(CHO)(CHO) R or Rwith the provision that the copolymer must contain at least one R group; R is a linear or branched divalent hydrocarbon radical containing from 3 to about 10 carbon atoms; R is H or C(=0)CH or a monovalent saturated or unsaturated hydrocarbon radical optionally containing heteroatoms and hydroxyl groups containing from 1 to about 30 carbon atoms; R is a hydrocarbon radical containing from 2 to about 30 carbon atoms and at least 1 hydroxyl group optionally containing heteroatoms; subscripts a b c d e f and g are 0 or positive subject to the limitation a + b + c + d + e + f + g < 1000; subscripts h i and j are 0 or positive subject to the limitation h + i + j is less than 100; and b) an organic oil containing at lease 1 ester group C(=0)0 which exhibits Hansen solubility parameters of 14 < d < 18 4 < d < 10 and 3 < d< 15 and wherein the composition has a viscosity of less than 20 000 cps. There are also provided silicone emulsions containing the composition a personal care composition containing said silicone emulsion and a process of treating a silicone surfactant comprising mixing the contents of the composition.

No. of Pages : 26 No. of Claims : 22

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

(21) Application No.2110/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FREEZE DRIED DRUG NANOSUSPENSIONS

(51) International classification :A61K9/00,A61K9/14,A61K9/19
(31) Priority Document No :61/475811
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/056818
Filing Date :13/04/2012
(87) International Publication No:WO 2012/140220
(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)BEIROWSKI Jakob Andreas

(57) Abstract :
The present invention relates to a freeze dried (also called lyophilized) drug nanosuspension. The present freeze dried drug nanosuspension composition has an acceptable stability of the particle size distribution during storage including long term storage.

No. of Pages : 56 No. of Claims : 21

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

(21) Application No.2111/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEPLOYMENT APPARATUS AND METHOD OF DEPLOYING AN UNDERWATER POWER GENERATOR

(51) International classification :B66C1/66,E02B9/00,E02B17/04
(31) Priority Document No :2011901759
(32) Priority Date :10/05/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000503
Filing Date :10/05/2012
(87) International Publication No :WO 2012/151631
(61) Patent of Addition 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)RIGG David

(57) Abstract :
A deployment apparatus is described. The deployment apparatus is for deploying an underwater power generator having a power generating main body from a deployment vessel disposed on the surface of a body of water onto a pylon disposed on the bed of the body of water and the deployment apparatus includes: a frame including one or more connectors disposed on a base region of the frame the connectors for releasable connection to catches disposed on an upper region of the power generating main body the connectors being remotely operable between a connected position in which the connectors are engaged with the catches and a disconnected position in which the connectors are disengaged from the catches; and one or more cameras disposed on the frame for providing visual guidance to the vessel of the position of the underwater power generator relative to the pylon. A method for deployment of the underwater power generator is also described.

No. of Pages : 30 No. of Claims : 21

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

(21) Application No.2267/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PREPARING AN ADSORBED DRONE BROOD AND THE COMPOSITION THEREOF

(51) International classification :A61K35/64,A61K31/7004,A61K31/7016
(31) Priority Document No :2011137992
(32) Priority Date :16/09/2011
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2012/000542
Filing Date :05/07/2012
(87) International Publication No :WO 2013/039424
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)BURMISTROVA Lilia Alexandrovna

(57) Abstract :
The invention relates to the pharmaceutical and food industries to medicine and in particular to biologically active food supplements and describes the process of obtaining an adsorbed drone brood and the composition thereof that ensures the preservation and stabilization of all biological properties of the drone brood over a long period (up to three years) which makes it possible to organize the mass production of drone brood based products.

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

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

(21) Application No.2268/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COFFEE DRINK

(51) International classification :A23L1/30,A23L1/076,A23F5/00
(31) Priority Document No :2011128763
(32) Priority Date :05/07/2011
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2012/000527
Filing Date :03/07/2012
(87) International Publication No :WO 2013/006093
(61) Patent of Addition 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)ELISTRATOVA Julia Anatoljevna
3)ELISTRATOV Konstantin Gennadievich
4)KURUS Natalia Vyacheslavovna
5)HOMYKOVA Irina Vladimirovna
6)ELISTRATOVA Tatiana Viktorovna

(57) Abstract :
The invention relates to the food industry, in particular to biologically active dietary supplements (BADSs), and is intended for prophylaxis and therapeutic prophylaxis in conditions associated with fatigue, and is in the form of a coffee substitute or other beverage and consists of: 1 part drone brood, 3-9 parts glucose and/or fructose, and 1-100 parts fillers (coffee or other beverage in powder form).

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

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

(21) Application No.2269/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH PURITY ERBIUM SPUTTERING TARGET COMPRISING HIGH PURITY ERBIUM METAL GATE FILM HAVING HIGH PURITY ERBIUM AS MAIN COMPONENT THEREOF AND PRODUCTION METHOD FOR HIGH PURITY ERBIUM

(51) International classification :C22B59/00,C22B9/02,C22C28/00
(31) Priority Document No :2011-145681
(32) Priority Date :30/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071140
Filing Date :15/09/2011
(87) International Publication No :WO 2013/001661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JX Nippon Mining & Metals Corporation
Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku Tokyo 1008164 Japan
(72)**Name of Inventor :**
1)TAKAHATA Masahiro

(57) Abstract :
High purity erbium having: a purity of at least 5N excluding rare earth elements and gas components; no more than 1 wt ppm each of Al Fe Cu and Ta; no more than 10 wt ppm of W; no more than 150 wt ppm of carbon; no more than 1 wt ppm each of alkali metals and alkali rare earth metals; no more than 10 wt ppm in total of other transition metal elements; and no more than 10 wt ppb each of the radioactive elements U and Th. The present invention addresses the problem of providing: a method for increasing the purity of erbium which has a high vapor pressure and is difficult to purify in a molten state; high purity erbium obtained by said method; and technology capable of efficiently and stably providing a sputtering target comprising high purity material erbium and a metal gate thin film having the high purity erbium as the main component.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.134/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL COMPOSITION FOR THE TREATMENT OF THERMAL BURNS.

(51) International classification	:A61K31/225, A61K31/355, A61K36/53
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SWANAND SHRIKANT PATHAK

(57) Abstract :
The present invention relates to the herbal composition for the treatment of the thermal burns. The herbal composition of the present invention is based on extracts from the plants Azadiracta indica A.Juss, Shorea robusta Gaertn.F, and Linum vsitatissimum L. The herbal composition is prepared using Neem Leaves (Azadiracta indica A.Juss), Sal Resin (Shorea robusta Gaertn.F.) and Linseed Oil (Linum vsitatissimum L.) which has better efficacy in treating the second degree burns and also has shown no allergic manifestations, early separation of the scars and no staining of the skin .Further, the herbal composition of the present invention is cost effective, less toxic and more efficacious for the treatment of second degree burns.

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

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

(21) Application No.2112/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DIAGNOSTICS METHOD FOR INTERNAL COMBUSTION ENGINE PARTS

(51) International classification :F01M11/03,G01M15/02
(31) Priority Document No :a 2011 06464
(32) Priority Date :23/05/2011
(33) Name of priority country :Ukraine
(86) International Application No :PCT/UA2012/000004
Filing Date :13/01/2012
(87) International Publication No :WO 2012/161668
(61) Patent of Addition 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 :ul. Khalturina 11a 71 Poltava 36014 Ukraine.
(72)**Name of Inventor :**
1)KOLTUNOV Georgii Anatolievich

(57) Abstract :
The invention relates to internal combustion engines. The method comprises installing an oil filter with a main filter element and a filter element for a pressure relief valve then removing said oil filter after use opening the filter and analyzing the filtered out products resulting from wear in respect of the qualitative and quantitative composition thereof and to ascertain the engine parts to which said products belong. The invention makes it possible to determine during operation the degree of wear of the parts and to increase the ecological and technical safety of the method.

No. of Pages : 8 No. of Claims : 1

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

(21) Application No.2113/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXHAUST GAS PURIFICATION DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/24,F01N3/02,F01N3/36
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/002246
Filing Date :15/04/2011
(87) International Publication No :WO 2012/140702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MORI Toshihiro
2)FUSE Hidetaka

(57) Abstract :
An exhaust gas purification device for an internal combustion engine the device comprising a fuel supply valve (15) for supplying fuel to an exhaust channel (12) of an internal combustion engine (1) of a vehicle an ignition device (16) for igniting the fuel supplied from the fuel feed valve (15) and a controller (50) for heating the ignition device so as to selectively achieve at least an ignition temperature (Ti) at which the fuel can ignite and a standby temperature (Ts) at which the fuel cannot ignite. The controller (50) reduces the standby temperature (Ts) as the predicted deceleration time (tp) increases where the predicted deceleration time (tp) is the time that the vehicle continues to be in a state of deceleration.

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

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

(21) Application No.2114/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GAS DELIVERY METHOD AND APPARATUS

(51) International classification :A61M16/12,A61M16/10,B01F3/02
(31) Priority Document No :61/475106
(32) Priority Date :13/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000351
Filing Date :12/04/2012
(87) International Publication No :WO 2012/139204
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KLEIN Michael
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(72)**Name of Inventor :**
1)KLEIN Michael

(57) Abstract :
An apparatus method and system for delivering C0 into an inspiratory gas stream to formulate a blended respiratory gas in a manner that continuously maintains a target C0 concentration in a volume of the inspired respiratory gas for example over the course of a breath or a volumetrically definable part thereof or a series of partial or full breaths.

No. of Pages : 64 No. of Claims : 73

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

(21) Application No.2270/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THERMAL ENERGY BATTERY WITH ENHANCED HEAT EXCHANGE CAPABILITY AND MODULARITY

(51) International classification :F28D20/00,C09K5/00
(31) Priority Document No :61/711833
(32) Priority Date :10/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/064367
Filing Date :10/10/2013
(87) International Publication No :WO 2014/059163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GRAMA Sorin
2)DORSON Matthew H.
3)CHRISTIANSON Rebecca

(57) Abstract :
This invention provides a thermal energy battery having an insulated tank contains a multitude of densely packed plastic tubes filled with a phase change material (PCM such as ice) that changes from solid to liquid and vice versa. Energy is stored when the PCM transitions from liquid to solid form and released when the PCM transitions back from solid to liquid form. The tubes are arranged vertically span the height of a well insulated tank and are immersed in heat transfer fluid (HTF) contained within the tank. The HTF is an aqueous solution with a freezing point temperature below the freezing point temperature of the chosen PCM. The HTF remains in liquid form at all times during the operation of the battery. Diffusers located allow the HTF to be extracted uniformly from the tank pumped and cooled by a liquid chiller situated outside the tank and then and inserted back into the tank.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2013

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

(54) Title of the invention : METHOD FOR RECOGNITION OF A STIPULATED PATTERN IN AN IMAGE DATA SET

(51) International classification	:G06K9/00, G06T5/00, G06T7/60
(31) Priority Document No	:102012002321.9
(32) Priority Date	:06/02/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HANS WOLFGANG PONGRATZ
2)MANFRED HIEDI

(57) Abstract :
A method is proposed for recognition of a stipulated pattern in an image data set recorded by means of a device for recording of at least two electromagnetic frequency spectra, which has a number of image point data with the following steps: - Formation of reference data vectors with characteristic reference coefficient values for at least two pattern image points of the stipulated pattern; - Formation of a data vector with characteristic coefficient values as component for each image point of at least a selected area of the recorded image points, from the image point data of the corresponding image point and from image point data from at least one test environment of the image point, consisting of image points at a stipulated distance to the corresponding image point; - Formation of at least a first difference value for the image points of the selected area as a function of a difference between the data vector of the corresponding image point and the first reference data vector; - Formation of at least a second difference value for at least one image point of the selected area as a function of a difference between the data vector of this image point and the second reference data vector; - Determination whether at least one pattern correlation quantity determined as a function of the first and second difference value falls below a stipulated threshold value and whether this forms a local minimum in an environment of the size of a target object; - Recognition of the stipulated pattern when the stipulated threshold value was fallen short of and a local minimum is present.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.2120/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LIQUID LAUNDRY COMPOSITION

(51) International classification :C11D3/40,C11D3/382
(31) Priority Document No :11167583.1
(32) Priority Date :26/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/052460
Filing Date :14/02/2012
(87) International Publication No :WO 2012/159778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNILEVER PLC
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(72)**Name of Inventor :**
1)BATCHELOR Stephen Norman
2)BIRD Jayne Michelle

(57) Abstract :
The present invention concerns liquid laundry formulations incorporating a modified lignin polymer.

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

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

(21) Application No.2278/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRODE CONTAINER HAVING AN INSERT FOR ELECTRODE REMOVAL

(51) International classification :B65D85/26,B23K9/26
(31) Priority Document No :13/167177
(32) Priority Date :23/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001242
Filing Date :22/06/2012
(87) International Publication No :WO 2012/176056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LINCOLN GLOBAL INC.
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(72)**Name of Inventor :**
1)WEISSBROD Paul A.

(57) Abstract :
In combination a container (10) that includes a plurality of welding electrodes (16) packed in the container (10) having an opening with a first cross sectional area and an insert having a second cross sectional area that is equal to or less than the first cross sectional area of the container (10). The insert is positioned within the container (10) and holds at least one of the plurality of welding electrodes (16). Further a means for removing (42) the insert and the at least one of the plurality of welding electrodes (16) from the packed container is provided.

No. of Pages : 33 No. of Claims : 22

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

(21) Application No.2279/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WELDING SYSTEM WITH CONTROLLED WIRE FEED SPEED DURING ARC INITIATION AND CORRESPONDING METHOD OF WELDING

(51) International classification :B23K9/067,B23K9/095
(31) Priority Document No :13/167184
(32) Priority Date :23/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001243
Filing Date :22/06/2012
(87) International Publication No :WO 2012/176057
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ASH Elliott
2)MATTHEWS William T.
3)HEARN James E.

(57) Abstract :
A welding system (10) includes a power supply (100) a torch (70) electrically connected to said power supply (100) a wire feeder (30) that provides a welding consumable (50) to the torch (70) a controller (120) that communicates with a motor (30) associated the wire feeder and the power supply (100). The controller (120) obtains a wire feed speed of said motor (30) as it accelerates from a run in speed to a pre set speed and controls the power supplied to the torch (70) based on this wire feed speed to reduce stubbing or spattering during arc initiation.

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

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

(21) Application No.2286/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR DETERMINING A CUT FOR A GEMSTONE

(51) International classification :A44C17/00
(31) Priority Document No :11167969.2
(32) Priority Date :27/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051323
Filing Date :20/03/2012
(87) International Publication No :WO 2012/164410
(61) Patent of Addition 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)MISTRY Janak A.
3)SEROV Roman Sergeevich
4)SIVOVOLENKO Sergey Borisovich
5)SHELEMENTIEV Yuri Borisovich
6)MEDVEDEV Alexander Viktorovich

(57) Abstract :
Method for determining a cut for a gemstone comprising selecting a generic shape for the cut; selecting a plurality of cut designs of a group of cut designs having the selected generic shape; simulating a number of optical metrics for the plurality of cut designs using simulation models having modeling coefficients; selecting one or more cut designs of the plurality of cut designs based on the simulated optical metrics; varying the geometry parameters for each selected cut design within a range simulating a number of optical metrics for said range of geometry parameters and determining an optimized cut design having optimized geometry parameters based on the simulated number of optical metrics for said range; cutting and polishing of the gemstone using the optimized cut design having the optimized geometry parameters; analyzing the visual appearance of the polished gemstone; changing or adapting the simulation models and/or the modeling coefficients thereof and/or the range for varying the geometry parameters and/or a cut design of the plurality of cut designs and/or adding one or more new cut designs to the group of cut designs on the basis of the analysis of the visual appearance.

No. of Pages : 51 No. of Claims : 45

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

(21) Application No.2287/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VEHICLE SUSPENSION AND IMPROVED METHOD OF ASSEMBLY

(51) International classification :B60G5/02,B60G11/24,B61F5/08
(31) Priority Document No :13/178773
(32) Priority Date :08/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048045
Filing Date :17/08/2011
(87) International Publication No :WO 2013/009329
(61) Patent of Addition 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)KERENDIAN Hormoz
3)DUDDING Ashley T.
4)MATTIA Louis F.

(57) Abstract :
A vehicle suspension including a frame attachment portion attached to spring module having an opening defined by two side walls a top wall and a bottom wall and a spring mount positioned within the opening with two shear springs on either side of the spring mount wherein the spring mount includes an inboard part and an outboard part separate from the inboard part and a through hole positioned in at least one of the inboard or inboard parts to allow passage of a threaded connecting rod therethrough wherein the connecting rod has been tightened to draw the inboard part of the first spring mount together with the outboard part of the first spring mount and to compress the first shear spring between the first side wall of the spring mount and the first side wall of the opening and also to compress the second shear spring between the second side wall of the spring mount and the second side wall of the opening of the spring module.

No. of Pages : 80 No. of Claims : 94

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

(21) Application No.2288/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RECEPTION DEVICE RECEPTION METHOD TRANSMISSION DEVICE TRANSMISSION METHOD AND PROGRAM

(51) International classification	:H04N21/435,H04B1/16,H04H60/27
(31) Priority Document No	:61/635061
(32) Priority Date	:18/04/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/JP2013/060676 :09/04/2013
(87) International Publication No	:WO 2013/157440
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DEWA Yoshiharu
2)KITAZATO Naohisa

(57) Abstract :
The present invention relates to a reception device a reception method a transmission device a transmission method and a program that make it possible to flexibly provide a variety of operation modes in an NRT service. A file attribute information acquisition unit acquires file attribute information that is set for each content file that is for download and that is transmitted by broadcast waves. A display control unit a playback control unit or a file control unit controls a predetermined operation that is related to a content file on the basis of the file attribute information acquired by the file attribute information acquisition unit. The present invention can be applied for example to a reception device that is capable of receiving an NRT broadcast that conforms to a predetermined standard.

No. of Pages : 80 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.2146/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RUN MODE BASED COEFFICIENT CODING FOR VIDEO CODING

(51) International classification :H04N7/26,H04N7/30
(31) Priority Document No :61/493337
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040272
Filing Date :31/05/2012
(87) International Publication No :WO 2012/166963
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :5775 Morehouse Drive ATTN: International IP Administration San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GUO Liwei
2)KARCZEWICZ Marta
3)WANG Xianglin

(57) Abstract :
A video coding device is configured to code coefficients of residual blocks of video data. When a coefficient of a transform unit of video data has a scan order value that is less than a threshold and when the coefficient is the last significant coefficient in a scan order in the transform unit the video coding device may execute a function to determine a mapping between data for the coefficient and a codeword index value and code the data for the coefficient using a codeword associated with the codeword index value. The video coding device may comprise a video encoder or a video decoder in some examples.

No. of Pages : 64 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.2257/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYMER PARTICLES

(51) International classification :C09C3/10,C08F2/44
(31) Priority Document No :2011902127
(32) Priority Date :31/05/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000608
Filing Date :31/05/2012
(87) International Publication No :WO 2012/162742
(61) Patent of Addition 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)DAVEY Timothy Warren
3)HAWKETT Brian Stanley
4)NGUYEN Duc Ngoc
5)SUCH Christopher Henry

(57) Abstract :
The present invention relates to a method of preparing an aqueous dispersion of polymer encapsulated particulate material the method comprising: providing a dispersion of the particulate material in a continuous aqueous phase the dispersion comprising ethylenically unsaturated monomer and a stabiliser for the particulate material; and polymerising the ethylenically unsaturated monomer by non living free radical polymerisation to form polymer that encapsulates the particulate material thereby providing the aqueous dispersion of polymer encapsulated particulate material; wherein polymerisation of the ethylenically unsaturated monomer comprises: (a) polymerising a monomer composition that includes ionisable ethylenically unsaturated monomer so as to form a base responsive water swellable non living polymer layer that encapsulates the particulate material; and (b) polymerising a monomer composition that includes non ionisable ethylenically unsaturated monomer so as to form an extensible water and base permeable non living polymer layer that encapsulates the base responsive water swellable polymer layer.

No. of Pages : 86 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.2258/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOBILE COMMUNICATION DEVICE AND METHOD THEREOF

(51) International classification :H04W24/10,H04W36/14
(31) Priority Document No :61/648560
(32) Priority Date :17/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2013/075801
Filing Date :17/05/2013
(87) International Publication No :WO 2013/170780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEI Yi Chun
2)LIN Yi Yo
3)SHIH Hung Wei

(57) Abstract :
A mobile communication device and a method thereof are provided. The method adopted by a mobile communication device connected to a serving cell including: receiving a measurement request for a first target cell; in response to the measurement request acquiring first timing information of first system information for a first target cell; scheduling an autonomous gap substantially corresponding to occurrence of the first system information according to the first timing information; and initiating the autonomous gap to receive the first system information from the first target cell.

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.2259/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF PREPARING ETHYLENE A OLEFIN DIENE COPOLYMER

(51) International classification :C07F17/00,C08F4/6592,C08F10/02
(31) Priority Document No :10-2011-0055719
(32) Priority Date :09/06/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/004512
Filing Date :08/06/2012
(87) International Publication No :WO 2012/169812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHIN Dong Cheol
2)LEE Ho Seong
3)KIM Seong Kyun
4)LEE Sang Ick
5)KIM Sun Young
6)HAHN Jong Sok
7)JEON Chan Woong
8)KIM Jeong Hwan

(57) Abstract :
The present invention relates to a method of preparing an ethylene a olefin diene copolymer and an ethylene a olefin diene copolymer prepared thereby by using a transition metal compound based on a cyclopenta[b]fluorenyl group as a catalyst.

No. of Pages : 107 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2012

(21) Application No.2626/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF CARBONUCLEOSIDE AND INTERMEDIATES FOR USE THEREIN

(51) International classification	:C07F7/18, C07D473/18
(31) Priority Document No	:2,705,953
(32) Priority Date	:31/05/2010
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2011/050323
Filing Date	:30/05/2011
(87) International Publication No	:WO/2011/150512
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ALBERICO Dino
2)CLAYTON Joshua
3)DIXON Craig
4)GORIN Boris

(57) Abstract :
Disclosed is a process for preparing a carbonucleoside of formula 1 and intermediates for use therein. The process involves the step of reacting a compound of formula 2 with a compound of formula 3 under Mitsunobu-type reaction conditions to obtain a compound of formula 4 wherein PG1 PG2 PG3 and PG4 are protecting groups. The compound of formula 4 is deprotected to form the compound of formula 1 as shown below.

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

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

(21) Application No.2275/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NONIONIC ASSOCIATIVE THICKENERS CONTAINING CYCLOHEXYLOL ALKYLS FORMULATIONS CONTAINING SAME AND USES THEREOF

(51) International classification :C08G18/28,C08G18/48
(31) Priority Document No :1155150
(32) Priority Date :14/06/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/051314
Filing Date :12/06/2012
(87) International Publication No :WO 2012/172248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUAU Jean Marc
2)RUHLMANN Denis

(57) Abstract :
The present invention concerns new associative thickeners of the HEUR type (Hydrophobically modified Ethylene oxide URethane) whose hydrophobic monomer is based on alkyl cyclohexylols. These are new polyurethanes that significantly thicken an aqueous formulation with a low, medium and high shearing gradient. The invention also concerns the compositions containing them and their uses in different formulations such as aqueous paints.

No. of Pages : 24 No. of Claims : 16

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

(21) Application No.2276/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF MAKING STRUCTURED PROTEIN COMPOSITIONS

(51) International classification :A23L1/00,A23J3/26
(31) Priority Document No :11166038.7
(32) Priority Date :13/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2012/050320
Filing Date :10/05/2012
(87) International Publication No :WO 2012/158023
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OJAH B.V.
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(72)**Name of Inventor :**
1)GIEZEN Franciscus Egenius
2)JANSEN Wouter Wilhelmus Johannes Theodorus
3)WILLEMSEN Jeroen Harold Anton

(57) Abstract :
An extrusion process is disclosed for turning vegetable protein compositions such as soy protein into a fibrous meat like structure. The process involves the application of relatively high moisture contents. An open structure is produced that can be infused with water so as to influence the product s tenderness. The products of the invention can be provide with a fibrosity and tenderness at will. The invention offers the possibility to include relatively high amounts of fat in the product.

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

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

(21) Application No.2277/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING IMAGE DATA

(51) International classification :G06T7/00,G06K9/00
(31) Priority Document No :2011901865
(32) Priority Date :16/05/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000545
Filing Date :16/05/2012
(87) International Publication No :WO 2012/155205
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ERGON ENERGY CORPORATION LIMITED
Address of Applicant :PO Box 15107 City East Queensland 4002 Australia
(72)**Name of Inventor :**
1)BANGAY James

(57) Abstract :
The invention relates to a method and system for processing image data obtained from scanning a network infrastructure for the detection and analysis of specific objects of interest such as powerlines and other overhead conductors or similar structures. The image data comprises a plurality of co ordinate points in three dimensional space and in order to identify conductors in the network infrastructure the method involves analysing the co ordinate points to identify sets of co ordinate points indicative of a set of substantially parallel lines and analysing the co¬ ordinate points on the basis of said identified substantially parallel lines thereby to allow identification and mapping of hanging catenaries representing said conductors.

No. of Pages : 40 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2012

(21) Application No.2646/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRANSPORT SCHEDULING FOR LOW MICROBIAL BULK PRODUCTS

(51) International classification :G06F7/00
(31) Priority Document No :61/354,962
(32) Priority Date :15/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021898
Filing Date :20/01/2011
(87) International Publication No :WO/2011/159363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CONAGRA FOODS FOOD INGREDIENTS COMPANY INC.
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(72)**Name of Inventor :**
1)MARINIELLO Robert
2)AKINS-LEWENTHAL Edith D.
3)WARREN Benjamin
4)GRACE Ryan T.

(57) Abstract :
Transport scheduling and transport processes for low microbial (LM□) bulk products are described. The transport scheduling and processes facilitate low microbial activity in a LM bulk product during the transport of the LM bulk product..

No. of Pages : 75 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2012

(21) Application No.2648/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : N-END RULE PROTEASE ACTIVITY INDICATION METHODS AND USES THEREOF

(51) International classification	:C12Q1/37, C07K14/195, C12N15/63,
(31) Priority Document No	:61/354,041
(32) Priority Date	:11/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/040232 :13/06/2011
(87) International Publication No	:WO/2012/047325
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Synaptic Research LLC
Address of Applicant :1448 South Rolling Road Baltimore Maryland 21227 USA.
(72)**Name of Inventor :**
1)OYLER George A.
2)TSAI Yien Che

(57) Abstract :
A cell based assay for detection for protease activity is disclosed. In the assay a cell is engineered to express a protease substrate with at least one label preferably on its C-terminus. Cleavage of the substrate by the protease that recognizes it results in a C-terminal fragment and a N-terminal fragment where the fragment having the label is subject to ubiquitin proteasome degradation. The assay measures the disappearance of the label due to degradation of the fragment to which it is attached. A cell free assay is also described for detection of protease activity. In the cell free assay the protease substrate is expressed in a solution that includes the elements of the ubiquitin proteasome pathway for degradation of the fragment. The assay measures the disappearance of the label attached to the fragment that results from cleavage by the protease.

No. of Pages : 39 No. of Claims : 20

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

(21) Application No.2091/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR EXTRACTING SQUALENE FROM MICROALGAE

(51) International classification :C12P5/02,C11B1/02,C12P5/00
(31) Priority Document No :1154623
(32) Priority Date :27/05/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/051175
Filing Date :25/05/2012
(87) International Publication No :WO 2012/164211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROQUETTE FRERES
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(72)**Name of Inventor :**
1)PATINIER Samuel

(57) Abstract :
The invention relates to a method for extracting, without using an organic solvent, squalene produced by fermenting microalgae belonging to the Thraustochytriales sp. family, characterised in that it includes the following steps: 1) preparing a biomass of microalgae belonging to the Thraustochytriales family so as to reduce the concentration of interstitial soluble matter, and to thereby achieve a purity of 30 to 99 % expressed as the dry weight of biomass over the total dry weight of the fermentation medium; 2) treating the resulting biomass using a protease enzyme selected from the group of neutral or basic proteases, so as to break the cell wall of said microalgae while preventing the formation of the emulsion produced by said enzyme treatment; 3) centrifuging the resulting reaction mixture in order to separate the oil from the aqueous phase; and 4) recovering the thus-produced crude oil rich in squalene.

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

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

(21) Application No.2581/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH AFFINITY LEPTINS AND LEPTIN ANTAGONISTS

(51) International classification	:A61K38/16, A61K38/22
(31) Priority Document No	:61/326,908
(32) Priority Date	:22/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2011/000322 :17/04/2011
(87) International Publication No	:WO/2011/132189
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)THE MEDICAL RESEARCH INFRASTRUCTURE AND HEALTH SERVICES FUND OF THE TEL-AVIV MEDICAL CENTER
(72)**Name of Inventor :**
1)GERTLER Arieh
2)ELINAV Eran
3)HALPERN Zamir

(57) Abstract :
Leptin muteins in particular leptin antagonists with increased binding affinity to leptin receptor are provided. These compounds as well as pharmaceutical composition comprising them are useful for the treatment of any disorder in which a non-desirable or deleterious activity of endogenous leptin or an altered innate immune response is implicated.

No. of Pages : 79 No. of Claims : 35

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

(21) Application No.2583/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CASEIN PEPTIDE FOR USE IN THE TREATMENT OF UTERINE INFECTIONS

(51) International classification	:A61K38/01, A61P43/00
(31) Priority Document No	:61/326,390
(32) Priority Date	:21/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2011/000325 :17/04/2011
(87) International Publication No	:WO/2011/132191
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)MILEUTIS LTD.
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(72)**Name of Inventor :**
1)ISCOVICH Jose Mario

(57) Abstract :
The present disclosure relates to a casein peptide for use in the treatment of an uterine infection in a female mammalian animal to methods of treatment of such infections by administering to a female mammalian animal at least one casein peptide to the use of casein peptide for the preparation of a pharmaceutical composition for treatment of uterine infection and to a kit for said treatment. The casein peptide is preferably a casein hydrolysate e.g. obtained by trypsin hydrolysis of casein protein. The female mammalian animal is in accordance with some embodiments a lactating animal the infection being a post-partum infection.

No. of Pages : 44 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2012

(21) Application No.2900/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BI-FUEL ENGINE WITH VARIABLE AIR FUEL RATIO

(51) International classification :F02D41/00,F01N3/08
(31) Priority Document No :12/795,410
(32) Priority Date :07/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/008000
Filing Date :31/12/2010
(87) International Publication No :WO/2011/154028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GALINDO Jos Ignacio
2)SCHAFFER Klaus M.
3)LEITNER Daniel
4)HEPP Christof

(57) Abstract :
A conventional gasoline engine is retrofitted to operate as a bi-fuel engine calibrated to burn Hydrogen gas as a primary fuel and gasoline as a secondary fuel at various acceptable air fuel ratios while avoiding forbidden air fuel ratios. The engine is preferably operated to burn Hydrogen fuel in a charged mode and in a lean mode at certain acceptable air fuel ratios where relatively very little NOx emissions occur. When additional power or acceleration is requested, processor controlled fuel injectors are operated to inject relatively small amounts of gasoline into the engine resulting in a fuel mixture that prevents increases in NOx emissions as the processor controls the engine to operate at a stoichiometric air fuel ratio where a catalytic converter is best able to reduce harmful emissions into the environment. The injection of the secondary liquid gasoline fuel to the gaseous Hydrogen fuel the temperature of the fuels significantly reduces or eliminates backfiring tendency of the engine. The engine has a safety feature in that the Hydrogen fuel is shut off if a leakage of Hydrogen is detected. The engine then operates with gasoline fuel used as a backup fuel.

No. of Pages : 60 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2013

(21) Application No.13/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POS SYSTEM WITH ATTENDANCE MANAGEMENT FUNCTION AND ATTENDANCE MANAGEMENT METHOD BY USING POS SYSTEM

(51) International classification :G06F21/00
(31) Priority Document No :101127864
(32) Priority Date :01/08/2012
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)LIN, CHIEN-HAN
3)LEE, RONG-GUEY
4)CHEN, YIN-CHUN
5)CHIN, HSIAO-TANG
6)TSOU, CHUN-PING

(57) Abstract :
A Point of sale (POS) system with an attendance management function, and an attendance management method by using the POS system relate to a POS system, and the POS system includes a storage unit, an input unit, an authentication unit, an attendance management unit, and a login unit. The storage unit stores an employee database. The input unit converts input into an input signal. The authentication unit identifies the input signal as identity information, and authenticates the identity information according to an employee database to generate an authentication result. The attendance management unit stores an attendance record in the storage unit according to the authentication result. The login unit is used to log in to the POS system with the identity information when the authentication unit confirms that the identity information corresponds to an operator of the POS system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2013

(21) Application No.1498/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS APPARATUS AND METHODS FOR IMPLEMENTING IMPLANTS

(51) International classification :A61C8/00,A61C13/225,A61C13/12
(31) Priority Document No :61/438681
(32) Priority Date :02/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023436
Filing Date :01/02/2012
(87) International Publication No :WO 2012/106397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SANDERS Daniel

(57) Abstract :
A system apparatuses devices kits and processes are provided to enhance bone Implants. The bone implant includes one or mom bone attachment components (1) for securing the implant into a bone (10) and a head component (2) independent of and separable from the bone attachment components 1. In one embodiment each bone attachment component (1) includes an internally threaded bore hole sleeve (lb) for receiving a connector component (4); wherein the head component (2) is adapted so as to be secured to the one or more bone attachment components (1:) at the time of initial implantation of the bone attachment components 1 and the head component (2) into the bone (10); wherein the bead component (2) is adapted to be oriented relative to at least one of the one or more pone attachment components (1) at a: predetermined tilt angle so that the implant generally conforms with a natural root structure (28c) of a missing tooth.

No. of Pages : 75 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.2139/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INTRA PREDICTION MODE CODING WITH DIRECTIONAL PARTITIONS

(51) International classification :H04N7/26,H04N7/34
(31) Priority Document No :61/493331
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040510
Filing Date :01/06/2012
(87) International Publication No :WO 2012/167119
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHIEN Wei Jung
2)ZHENG Yunfei
3)KARCZEWICZ Marta

(57) Abstract :
A video coder can determine a most probable mode for a block of video data using non square partitions based on the direction of the non square partitions. When the direction of the non square partitions is vertical an intra prediction mode of a left neighboring block can be selected as the most probable intra prediction mode and when the direction of the non square partitions is horizontal an intra prediction mode of an above neighboring block can be selected as the most probable intra prediction mode.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2012

(21) Application No.2901/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BI-FUEL ENGINE WITH INCREASED POWER

(51) International classification :F02D41/00,F02B37/16
(31) Priority Document No :12/795,440
(32) Priority Date :07/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/007972
Filing Date :30/12/2010
(87) International Publication No :WO/2011/154027
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GALINDO Jos Ignacio
2)SCHAFFER Klaus M.
3)LEITNER Daniel
4)HEPP Christof

(57) Abstract :
A device, system and method for operating a bi-fuel engine using either a first or second fuel, or a mix fuel comprising said first sucha as gasoline and second fuel such as hydrogen, comprising a processor (102), a fuel intake assembly (126, 128) controlled by the processor (102) and mounted onto the engine (134); an air pump (144, 146, 148) coupled to the engine (134) and controlled by the processor (102) to operate the engine (134) using the second fuel or the mix fuel preferably in a lean mode and in a charged mode using quality control., such that, when operated with hydrogen, which typically leads to a reduction of engine output power, the engine (134) is preferably operated in a charged mode and in a lean mode with the engine throttle (130) kept in a wide open position during charged and lean mode operation resulting in a more efficient engine with a reduction of engine output power loss.

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

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

(21) Application No.2290/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LIGHT SOURCE CIRCUIT UNIT LIGHTING DEVICE AND DISPLAY DEVICE

(51) International classification :H01L33/54,F21V19/00,G02F1/13357
(31) Priority Document No :2011-135656
(32) Priority Date :17/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/063748
Filing Date :29/05/2012
(87) International Publication No :WO 2012/172967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YAMAMOTO Koichi
2)HIROSE Takehito
3)TESHIGAHARA Shigeru

(57) Abstract :
Provided are a light source circuit unit that increases the efficiency of light extraction a lighting device provided with this light source circuit unit and a display device. This light source circuit unit is provided with: a circuit substrate having a light reflective wiring pattern on the surface thereof; a circular pedestal provided on the circuit substrate; a water repellent region provided so as to cover at least part of the side surface from the peripheral edge part of the pedestal; and one or more light emitting element chips placed on the pedestal and driven by a current flowing through the wiring pattern.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2012

(21) Application No.2883/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COLORED CONTACT LENS

(51) International classification :G02C7/04,B41J2/01,B41M5/00
(31) Priority Document No :2010140265
(32) Priority Date :21/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/003470
Filing Date :17/06/2011
(87) International Publication No :WO 2011/161920
(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)NIWA Kazuharu

(57) Abstract :
Provided is a colored contact lens that has a novel structure and when worn exhibits a novel effect not previously seen. In contrast to the idea of drawing attention to the obvious colored line around the outside of the iris of conventional technology a colored band (22) is disposed at the boundary section between the iris (12) and the white of the eye (14) and density is gradually changed from the iris section to the white section of the eye such that the density of this colored band (22) decreases from the inner circumferential side to the outer circumferential side. As a result a novel colored contact lens is provided with which it is possible to bring out the beauty of the white section of the eye (14) which has been ignored by conventional technology while an impression is maintained that is as natural and elegant as possible by avoiding an artificial impression such as that found in conventional technology.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2012

(21) Application No.2884/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DUTY BELT SYSTEM

(51) International classification :A41F3/02
(31) Priority Document No :61/396927
(32) Priority Date :07/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/039373
Filing Date :07/06/2011
(87) International Publication No :WO 2011/156317
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MONGAN Ryan
2)LAW David
3)ESAREY Graeme
4)COMINS Scott

(57) Abstract :
One example of the invention describes a belt that is to be used by uniformed professional field personnel (e.g. law enforcement fire park department search and rescue private security utilities personnel military etc.). Some examples of the invention introduce many new features which allow for improved access comfort reliability ruggedness and cosmetics. In one embodiment the description describes a metal rail on a belt to which accessories attach. The other items of the inventions are the details of the buckle and its various designs. Other attachments and accessories plus various setups and arrangements for the belts and buckles are also presented here.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2012

(21) Application No.3394/MUM/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DYNAMIC SHOCK ABSORBING SYSTEM FOR VERTICAL SHIP LAUNCHERS

(51) International classification	:F41F3/04, B63G1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)GURUPRASAD, SIDDALINGAPPA
2)SINHA, SANGAM
3)KATTI, SHREEDHAR
4)KUMAR, SANJAY
5)NATH, BISWANATH
6)THAKUR, NAVEEN
7)GUPTA, ATUL
8)ROY, UDAY

(57) Abstract :
A dynamic shock absorbing and damping system for isolating projectiles held between a first deck and a second deck of a vessel from shocks and vibrations includes a projectile holder, a plurality of vibration isolation elements and a control module. The projectile holder is supported between the first and second deck. The projectile holder is having a plurality of compartments, wherein each compartment holds an individual projectile, wherein pre-determined parameters associated with the projectile holder changes with change in at least one of number and size of projectiles held therein. The plurality of vibration isolation elements disposed between the projectile holder and the first deck and the second deck absorbs and dampens vibrations to isolate the projectile holder against vibrations. The control module receives inputs regarding said predetermined parameters associated with said projectile holder and provides actuation signal to the plurality of vibration isolation elements for adjusting configuration thereof

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2013

(21) Application No.2248/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRO HYDRAULIC HYBRID DRIVE DEVICE

(51) International classification :F15B11/04,F15B13/043
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/064454
Filing Date :23/06/2011
(87) International Publication No :WO 2012/176314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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3)IMAI Yukio
4)KUBOTA Toshiharu

(57) Abstract :
The present invention provides an apparatus (100) for electrically and hydraulically driving a hydraulic cylinder (600), including a hydraulic pump (110) rotatable in opposite directions, an electric motor (120) for driving the hydraulic pump, a reservoir tank (160) containing hydraulic fluid therein, and a servo-valve (160). The hydraulic cylinder makes fluid-communication at a head-sided hydraulic chamber <510A) with a first port (111) of the hydraulic pump, and makes fluid-communication at a rod-sided hydraulic chamber (510B) with a second port (112) of the hydraulic pump. The servo-valve (160) allows ones of the head-sided hydraulic chamber (510A) and the rod-sided hydraulic chamber (510B) to make fluid-communication to the reservoir tank (150) in accordance with a direction in which the hydraulic pump rotates, and varies a degree at which one of the head-sided hydraulic chamber and the rod-sided hydraulic chamber makes fluid-communication with the reservoir tank, to a designated degree.

No. of Pages : 94 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2012

(21) Application No.2899/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THERMALLY RESPONSIVE ELECTRIC SWITCHES

(51) International classification	:H01H1/58, H01H37/04, H01H37/54
(31) Priority Document No	:1010182.2
(32) Priority Date	:17/06/2010
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2011/051112 :14/06/2011
(87) International Publication No	:WO/2011/158023
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)HEYWOOD Mark
2)RIXHAM Andrew
3)SHERRATT Mark

(57) Abstract :
A thermally responsive switch (1) comprises first and second electrical terminals (12 24; 25) a thermally responsive switch actuator (6) and a housing comprising a first metal plate (4) in electrical contact with the first electrical terminal (24; 25) a second metal plate (11 3; 22) in electrical contact with the second electrical terminal (12) and insulating material (9) disposed between the first and second metal plates (4 11 13; 22).

No. of Pages : 36 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2012

(21) Application No.2913/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SALTS AND POLYMORPHS OF DEXRABEPRAZOLE

(51) International classification :C07D401/12
(31) Priority Document No :1868/MUM/2010
(32) Priority Date :24/06/2010
(33) Name of priority country :India
(86) International Application No :PCT/GB2011/000957
Filing Date :24/06/2011
(87) International Publication No :WO/2011/161421
(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)BIRARI Dilip Ramdas

(57) Abstract :
The present invention provides dexrabeprazole magnesium hydrate and a process for its preparation. The present invention also provides a magnesium, calcium or potassium salt of dexrabeprazole, optionally in amorphous form, and processes for its preparation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2012

(21) Application No.2669/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VEHICLE FOR TOWING AN AIRPLANE

(51) International classification :B64F1/00
(31) Priority Document No :206262
(32) Priority Date :09/06/2010
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2011/000457
Filing Date :09/06/2011
(87) International Publication No :WO/2011/154952
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEVY Raphael E.
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3)PERRY Arie

(57) Abstract :
A vehicle for towing an airplane by receiving thereupon a nose landing gear of the airplane having an airplane longitudinal axis. The vehicle having a vehicle longitudinal axis and is configured to tow the airplane along a straight or curved path and comprises a controller for directing its operation including maintaining the vehicles in-phase position in which the vehicle longitudinal axis is parallel to the airplane longitudinal axis.

No. of Pages : 32 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/01/2013

(21) Application No.9/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A MULTIPURPOSE DEVICE FOR TRANSMITTING RADIATION FROM A SOURCE TO AN OBJECT

(51) International classification	:F21V1/00, G02B27/00, G02B27/42, G02B5/1
(31) Priority Document No	:2012119833
(32) Priority Date	:15/05/2012
(33) Name of priority country	:Russia
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)KOMRAKOV, EVGENY VYACHESLAVOVICH

(57) Abstract :
The invention relates to an antenna design and may be used for effectively concentrating radiation emitted by a distributed source on an object placed in the focal area of the antenna. The technical result achieved by the use of the claimed invention consists in greater efficiency of radiation transmission from a source to an object, the possibility of radiation power variation, a more uniform concentration of radiation, a significant increase in the volume of the focal area without replacing the radiation source itself, increased reliability of the system, and reduced power requirements. The claimed technical result is achieved in a multipurpose device for transmitting radiation from a source to an object comprising two antennas, each designed as a truncated segment of a spherical or cylindrical surface, a radiation source provided in the aperture plane of one of the antennas, and an object placed in the combined focal area of the two antennas. The antennas are positioned opposite one another at a distance of 0.6 to double the radius of the spherical or cylindrical surface, and the radiation source is of a distributed type. The device may further be provided with at least one additional pair of antennas positioned opposite one another at a distance of 0.6 to double the radius of the spherical or cylindrical surface in a plane normal to the plane of the first pair of antennas. In this embodiment, the combined focal area of two or three pairs of antennas has the shape of a three-dimensional cross or a three-coordinate cross, respectively. Furthermore, the device may be provided additionally with a second radiation source in the aperture plane of the second antenna in each pair of antennas. A single spherical or cylindrical antenna may also be used in one plane and a single distributed source may be placed in the aperture of each antenna. In this embodiment, the object is placed in the focal area of these antennas.

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

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

(21) Application No.2100/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXHAUST GAS PURIFYING CATALYST AND CARRIER

(51) International classification :B01J23/58,B01D53/94,F01N3/10
(31) Priority Document No :2011-113859
(32) Priority Date :20/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062673
Filing Date :17/05/2012
(87) International Publication No :WO 2012/161091
(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)ONO Atsunori
5)TAKAHASHI Yohei
6)WAKABAYASHI Takashi
7)NAKAHARA Yuunosuke

(57) Abstract :
The exhaust gas purifying catalyst of the invention contains an apatite compound represented by formula A10(PO4)6(OH)2 (wherein A represents Ba or at least one member of Ba, Sr, and Ca) serving as a catalyst carrier, and a noble metal component supported on the carrier.

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

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

(21) Application No.2101/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLOATING TYPE OCEAN CURRENT COMBINATION POWER GENERATION DEVICE

(51) International classification :F03B17/06,F03B13/00
(31) Priority Document No :201110109222.3
(32) Priority Date :29/04/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/074856
Filing Date :27/04/2012
(87) International Publication No :WO 2012/146197
(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 floating type ocean current combination power generation device comprises a water surface floating platform (1) an impeller assembly located below the water surface floating platform (1) and driven by ocean current and a power generation assembly located above the water surface floating platform (1) for receiving rotary mechanical energy from the impeller assembly and transforming it into electric energy. The floating type ocean current combination power generation device can realize the recovery of deep sea ocean current energy to the sea surface without pollution and energy consumption.

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

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

(21) Application No.2102/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PHARMACEUTICAL ANTIRETROVIRAL COMPOSITION

(51) International classification :A61K31/513,A61K31/551,A61K31/675
(31) Priority Document No :1593/MUM/2011
(32) Priority Date :30/05/2011
(33) Name of priority country :India
(86) International Application No :PCT/GB2012/000479
Filing Date :30/05/2012
(87) International Publication No :WO 2012/164241
(61) Patent of Addition 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)PURANDARE Shrinivas Madhukar

(57) Abstract :
The present invention relates to a pharmaceutical antiretro viral composition comprising (i) a nucleoside reverse transcriptase inhibitor selected from lamivudine and emtricitabine (ii) extended release nevirapine and (iii) tenofovir; a process for preparing such composition and the use of such composition in medicine particularly for the prophylaxis and/or treatment of diseases caused by retroviruses.

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

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

(21) Application No.2103/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MUMMIFIED MEALY BUG PRODUCT AND METHOD

(51) International classification :A01N63/00,A01N25/34
(31) Priority Document No :61/484685
(32) Priority Date :11/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/000188
Filing Date :10/05/2012
(87) International Publication No :WO 2012/153327
(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 Biological Control Agent (BCA) system comprising processed parasitized mealybug mummies is disclosed. The processed and modified parasitized mealybug mummies are essentially devoid of their limbs and waxy covering. In the novel BCA system the modified parasitized mealybug mummies are processed in a manner that strips off their waxy covering and detaches their limbs without impacting on their viability as a host for parasitoid pupae. The modified parasitized mealybug mummies of the BCA system are encased in specially adapted packaging for delivering and distributing the modified parasitized mealybug mummies to plants with mealybug infestations. A method of preparing and storing the modified parasitized mealybug mummies as a BCA is also presented.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2013

(21) Application No.45/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL ASSEMBLY

(51) International classification	:H01H50/04, H01H71/02, H01H71/08, H01R9/
(31) Priority Document No	:GB 1200792.8
(32) Priority Date	:17/01/2012
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
A demountable electrical panel comprises a spring under tension that is easily assembled by being laid to rest in a recess in a mounting plate put under tension to make electrical contact with a circuit board when the device is assembled.

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

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

(21) Application No.2280/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TANDEM STRIP CLADDING METHOD APPARATUS AND SYSTEM

(51) International classification :B23K9/04,B23K25/00,B23K9/16
(31) Priority Document No :13/175188
(32) Priority Date :01/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001303
Filing Date :02/07/2012
(87) International Publication No :WO 2013/011361
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GOLDING Mark S.

(57) Abstract :
A cladding system and method of cladding is provided with a first cladding head (101) capable of delivering a first cladding electrode (51) to a workpiece (W) using a first cladding signal with a second cladding head (103) capable of delivering a second cladding electrode (52) to said workpiece (W) using a second cladding signal and wherein each of said first and second cladding heads (101 103) are positioned and oriented relative to each other to deliver the respective first and second cladding electrodes (S1 S2) to the same molten puddle on said workpiece (W) during a cladding operation.

No. of Pages : 32 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/01/2013

(21) Application No.79/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VEHICLE SEAT AND USE OF AN UNDULATING SLIDE ROD ELEMENT

(51) International classification	:F16H7/12, F16H7/08
(31) Priority Document No	:10 2012 100 287.8
(32) Priority Date	:13/01/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ERWIN HALLER
2)JENS KOLB

(57) Abstract :
The invention relates to a vehicle seat (1) comprising a seat part (2), comprising a back rest part (3) and comprising a linear guide device (4) fortranslational adjustment of the vehicle seat (1), in which the linear guide device (4) comprises a guide rail means (17) and a slide rail means (18) which is displaceable with respect thereto, in which a bearing means (19) interacts between the slide rail means (18) and the guide rail means (17) and at least comprises slide rod elements (23) so as to mount the slide rail means (18) with respect to the guide rail means (17), and in which the slide rod element (23) comprises an elongate undulating base body (24), the slide rod element (23) having an effective external diameter (40) which is greater, at least when the slide rod element (23) is radially (36) unloaded, than a core external diameter (41) of the elongate undulating base body (24).

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

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

(21) Application No.62/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ATTACHABLE ELASTOMERIC PAD

(51) International classification :B61G9/06, F16F1/40
(31) Priority Document No :13/350,325
(32) Priority Date :13/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STAMPS, FRANK B.
3)TISDALE, PATRICK R.
4)THOMPSON, TERRY K.
5)VO,LOAN THANH

(57) Abstract :
According to one embodiment, a method comprises calendering an elastomeric material into an elastomeric layer having a thickness that is more uniform than the elastomeric material prior to the calendaring. After calendaring, the elastomeric layer is vulcanized to a composite shim comprising at least one reinforcement layer and at least one layer of adhesive.

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

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

(21) Application No.2281/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BULK WIRE ISOLATOR APPARATUS

(51) International classification :B23K9/133,B65H57/18
(31) Priority Document No :13/171961
(32) Priority Date :29/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001297
Filing Date :29/06/2012
(87) International Publication No :WO 2013/001353
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BURKE Mark

(57) Abstract :
An apparatus includes a bulk wire container (14) comprising coiled wire (16) and an isolator (10 110). The isolator includes an attachment means to said bulk wire container an inlet (22) an outlet (24) and a wire engaging means (31). The wire engaging means (31) translates longitudinal axial movement of the wire in the inlet into circumferential tangential movement about the wire engaging means.

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

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

(21) Application No.2272/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH SPEED SCREENING APPARATUS FOR A RAMAN ANALYSIS BASED HIGH SPEED MULTIPLE DRUG

(51) International classification	:G01N33/15,G01N21/65,G01N33/52
(31) Priority Document No	:10-2011-0050991
(32) Priority Date	:29/05/2011
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2012/004223 :29/05/2012
(87) International Publication No	:WO 2012/165837
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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3)KIM Hyung Min
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6)NAM Sang Hwan
7)BAE Yun Mi
8)LEE Haemi
9)LEE Kyunghee
10)PARK Hyo Sun
11)KIM Phil Hwan

(57) Abstract :
The present invention relates to a high speed screening apparatus for a raman analysis based high speed multiple drug. The screening apparatus according to the present invention may easily detect a raman signal using a core cap shell nanoparticle which amplifies the raman signal by 1012 times and has high reproducibility through raman spectroscopy in which materials do not interfere with each other and a spectrum has a sharp peak to detect the raman signal multiple times. Also since a CCD camera not a scanner may be used as the detector the screening apparatus may multiply screen the drug at a high speed without movement between molecules within a sample. In addition since multicolors of 5 colors or more may be coated the screening apparatus may be usefully used for screening various drugs.

No. of Pages : 58 No. of Claims : 18

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

(21) Application No.2274/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FRAME SUPPORT

(51) International classification :E04G5/02,E04B1/343
(31) Priority Document No :1108402.7
(32) Priority Date :19/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051127
Filing Date :18/05/2012
(87) International Publication No :WO 2012/156752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MARSHALL Nicholas

(57) Abstract :
A frame support which can be used for inspection platforms plant and equipment prefabricated buildings and structures. The installation is carried out in three main stages commencing with the fixing of a lightweight threaded base within a prepared hole. A load bearing member is then attached to the base and adjusted by means of the thread and a threaded collar. Finally the threaded base the threaded collar and a protrusion of the load bearing member are substantially encased in concrete or a chemical compound to complete the installation.

No. of Pages : 19 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2013

(21) Application No.25/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROTECTIVE BAG

(51) International classification :A62B17/00
(31) Priority Document No :101204327
(32) Priority Date :09/03/2012
(33) Name of priority country :Argentina
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Mr. Fu-Yi HSU

(57) Abstract :
A protective bag for a portable electronic device is provided, which comprises a first cover, a second cover connecting the first cover and a support element. The first cover and the second cover can be folded relative to each other for covering two opposite sides of the portable electronic device. The support element is disposed on a first inner surface of the first cover and has a first foldable plate and a second foldable plate. The first foldable plate and the second foldable plate can be folded relative to each other for being received between the first cover and the second cover. The first foldable plate and the second foldable plate can be unfolded relative to each other as well for slanting the first foldable plate on the first inner surface with a support provided by the second foldable plate.

No. of Pages : 25 No. of Claims : 22

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

(21) Application No.2262/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MATRIX COMPOSITIONS FOR CONTROLLED RELEASE OF PEPTIDE AND POLYPEPTIDE MOLECULES

(51) International classification	:A61K9/14, A61K38/10, A61K38/18
(31) Priority Document No	:61/512025
(32) Priority Date	:27/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2012/050278 :26/07/2012
(87) International Publication No	:WO 2013/014677
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)POLYPID LTD.
Address of Applicant :20 Hamagshimim Street 49348 Petach Tikva ISRAEL.
(72)**Name of Inventor :**
1)EMANUEL Noam

(57) Abstract :
The present invention provides compositions for controlled release of a peptidic molecule comprising a lipid saturated matrix comprising a biocompatible polymer and a peptidic molecule associated with PEG. The present invention also provides methods of producing the matrix compositions and methods for using the matrix compositions to provide controlled release of the peptidic molecule.

No. of Pages : 57 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/01/2013

(21) Application No.78/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR MEASURING THE TEMPERATURE OF A STRAND - LIKE MATERIAL

(51) International classification	:G01K1/02, G01V9/00, E21B47/06, F24J3/08	(71)**Name of Applicant :** **1)SIKORA AG** Address of Applicant :BRUCHWEIDE 2, D-28307 BREMEN, Germany.
(31) Priority Document No	:102012003724.4	(72)**Name of Inventor :**
(32) Priority Date	:28/02/2012	**1)SIKORA, HARALD**
(33) Name of priority country	:Germany	**2)PARGA GARCIA, ABRAHAM**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The invention relates to a method for measuring the temperature of a strand-like material to be heated to a target temperature, comprising the steps: the strand-like material is guided in heat conducting contact about at least one disk, mounted so as to rotate, that is heated to a predefined temperature, a difference is measured between the temperature of the strand-like material or a value characterizing the temperature of the strand-like material, before conveyance about the disk and after conveyance about the disk. The invention also relates to a corresponding device.

No. of Pages : 22 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2012

(21) Application No.2906/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OLEFIN GAS PHASE POLYMERISATION

(51) International classification :C08F2/34, C08F10/00
(31) Priority Document No :10075226.0
(32) Priority Date :27/05/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/002386
Filing Date :12/05/2011
(87) International Publication No :WO/2011/147539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BANAT Yahya
2)AL-OBAIDI Fahad
3)MALEK Abul Kader

(57) Abstract :
The invention is directed to a process for the gas phase polymerisation of one or more olefin monomers in a fluidised bed reactor in a dry mode or in a (super) condensed mode with a gas stream comprising an inert gas characterised in that the inert gas comprises a mixture of inert components: (1) nitrogen; (2) a gas heat capacity increasing agent (3) a sorption promoting agent and (4) a polymer swelling agent. The inert gas may comprise (1) 5-60 % by mol nitrogen (2) 10- 90 % by mol ethane (3) 1 -50 % by mol % n-butane and (4) 0.1 -10 % by mol % n-pentane or iso-pentane.

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

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

(21) Application No.3/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POS DEVICE

(51) International classification	:G06Q20/00, G06Q30/00, G07G1/12, H04L29/
(31) Priority Document No	:101127858
(32) Priority Date	:01/08/2012
(33) Name of priority country	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)LEE, RONG-GUEY
4)CHEN, YIN-CHUN
5)CHIN, HSIAO-TANG
6)TSOU, CHUN-PING

(57) Abstract :
A Point of Sales (POS) device includes: a cloud mainframe; a first sale mainframe, used to store first data and connected to the cloud mainframe in a wired manner, for transmitting the first data to the cloud mainframe, so that the cloud mainframe synchronously stores the first data with the sale mainframe; and a sensing element, connected to the first sale mainframe and used to detect a wired connection state, where when it is detected that the wired connection state is abnormal, the first data is temporarily stored in the first sale mainframe, and when it is detected that the wired connection state is normal, the first data is transmitted to the cloud mainframe, so that the cloud mainframe synchronously stores the first data with the sale mainframe.

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

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

(21) Application No.2827/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS AND COMPOSITIONS FOR ENHANCING STEM CELL MOBILIZATION

(51) International classification	:C12N 5/0735, A01N43/04,A61K31/70
(31) Priority Document No	:61/359,288
(32) Priority Date	:28/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/042211 :28/06/2011
(87) International Publication No	:WO/2012/006100
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)DRAPEAU Christian
2)JENSEN Gitte S.

(57) Abstract :
A method of using fucoidan to enhance stem cell mobilization in a subject including hematopoietic stem cells (HSCs) and bone marrow stem cells (BMSCs) is provided. In the method a blended composition of fruits mushrooms microorganisms maternal fluids and extracts thereof are used to promote trafficking of stem cells resulting in migration of the stem cells to specific sties of maintenance an and repair within tissues and/or organs. The method also involves the use of fucoidan obtained from particular algae species to support release and ciriculation of HSCs as demonstrated by significantly increase circulation of HSCs in the peripheral blood. Increased circulation of HSCs and/or BMSCs and migration towards sites of maintenance and the natural regeneration mechanisms in the body. Further provided is a dosing regimen for the administration of fucoidan and a method of enhancing release and circulation of stem cells.

No. of Pages : 59 No. of Claims : 18

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

(21) Application No.61/MUM/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYMERIC COMPOSITION AND A METHOD FOR PREPARATION THEREOF

(51) International classification	:C08F285/00, C08F287/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KELKAR ANIL KRISHNA
3)THALIYIL VEEDU SREEKUMAR
4)AGARWAL UDAY SHANKAR

(57) Abstract :
The present disclosure relates to a tablet comprising at least one property modifying agent adapted to modify at least one property of a melt processable polymer and at least one processing aid having softening temperature lower than or equal to the melt processing temperature of the melt processable polymer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.2141/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRESSURE RESISTANT FILTER CARTRIDGE

(51) International classification :F02M37/22,B01D27/08,B01D35/30
(31) Priority Document No :13/115199
(32) Priority Date :25/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035739
Filing Date :30/04/2012
(87) International Publication No :WO 2012/161924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MOORE Jonathan D.
2)SASUR Timothy M.

(57) Abstract :
A fuel filter cartridge includes a housing having first and second shell sections. The shell sections are generally symmetric about a cartridge axis and joined together. The first shell section has a convex shape when viewed from a side and includes an end portion a cylindrical side wall portion and a transition portion connecting the side wall portion to the end portion. The end portion has an end surface forming a cartridge opening coaxial with the cartridge axis. The transition portion has a radius of 0.125 1.125 inches. A filter having at least one filter element is disposed within the housing.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.2142/MUMNP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL HEATING DEVICE FOR HEATING A LIQUID METHOD FOR PRODUCING SAME AND USE IN THE ELECTRICAL SIMULATION OF NUCLEAR FUEL RODS

(51) International classification	:G21C17/06,G21C19/08,G21C21/02
(31) Priority Document No	:1154336
(32) Priority Date	:18/05/2011
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2012/059187 :16/05/2012
(87) International Publication No	:WO 2012/156474
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GROS DAILLON Luc
2)CUBIZOLLES Graud

(57) Abstract :
The invention relates to a novel electrical heating device (1) for heating a liquid (Liq) having a high thermal flow rate by means of which the resistor (2) which is of tubular shape and is supplied with direct current can indirectly heat the liquid by conduction through an electrically insulating and thermally conducting intermediate element (6 22) which surrounds same with direct mechanical contact the tubular resistor/intermediate element assembly being lined with a sheath (7) intended to be immersed over at least a major portion of the length thereof in the liquid to be heated. The invention can be preferably used in the electrical simulation of nuclear fuel rods intended to be assembled in power reactors of the PWR type but also of the sodium cooled fast reactor type.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2012

(21) Application No.2914/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF NATEGLINIDE

(51) International classification	:C07C233/63, C07C231/12
(31) Priority Document No	:1793/MUM/2010
(32) Priority Date	:14/06/2010
(33) Name of priority country	:India
(86) International Application No Filing Date	:PCT/GB2011/000895 :14/06/2011
(87) International Publication No	:WO/2011/157986
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KANKAN Rajendra Narayanrao
2)RAO Dharmaraj Ramachandra
3)BIRARI Dilip Ramdas

(57) Abstract :
The present invention relates to a process for the preparation of substantially pure nateglinide of formula (I), substantially free from the cis-isomer and L-enantiomer and preparation of enantiomerically pure nateglinide form B, directly from the hydrolysis of a (-)-N-(trans-4-isopropylcyclohexyl-1-carbonyl)-D-phenylalanine alkyl ester in a ketonic solvent or water or mixture thereof.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2012

(21) Application No.2915/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CYTOCHROME P450 INHIBITORS AND USES THEREOF

(51) International classification :C07D417/04,A61P35/00
(31) Priority Document No :61/396,696
(32) Priority Date :01/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038695
Filing Date :01/06/2011
(87) International Publication No :WO/2011/153192
(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)TARRANT James G.
4)LIM Dong Sung
5)ZHU Xiaokang
6)JUNG Dawoon
7)MISHRA Rama K.

(57) Abstract :
The present invention provides compounds having the general structural formula (I) and pharmaceutically acceptable derivatives thereof as described generally and in classes and subclasses herein and additionally provides pharmaceutical compositions thereof and methods for the use thereof for the treatment of any of a number of conditions or diseases involving fibrosis and proliferation and where anti fibrotic or anti proliferative activity is beneficial.

No. of Pages : 185 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012

(21) Application No.2803/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PEST-RESISTANT PLANTS CONTAINING A COMBINATION OF A SPIDER TOXIN AND A CHITINASE

(51) International classification :C07K14/435
(31) Priority Document No :61/355,208
(32) Priority Date :16/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000483
Filing Date :16/06/2011
(87) International Publication No :WO/2011/158242
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AVISAR Dror
2)STEIN Hanan
3)SHANI Ziv

(57) Abstract :
An isolated polynucleotide is disclosed comprising: (i) a nucleic acid sequence encoding at least one toxic peptide the toxic peptide being a spider toxin; and (ii) a nucleic acid sequence encoding a chitinase attached to a secretion signal sequence. Uses thereof and plants expressing same are also disclosed.

No. of Pages : 93 No. of Claims : 45

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

(21) Application No.2835/MUMNP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ENANTIOMERICALLY PURE AMINES

(51) International classification :C07D303/36,
(31) Priority Document No :10450093.9
(32) Priority Date :26/05/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/AT2011/000236
Filing Date :23/05/2011
(87) International Publication No :WO/2011/146953
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)HEILMAYER Werner
3)SPENCE Lee
4)BULUSU Atchyuta Rama Chandra Murty

(57) Abstract :
A compound of formula I wherein PROT is an amine protecting group and PROT is hydrogen; or PROT and PROT together with the nitrogen atom to which they are attached form a heterocyclic ring as an amine protecting group and PROT is a thiol protecting group processes for its production intermediates in their production and production of intermediates in stereoisomerically pure form and their use for the production of pharmaceutically active compounds.

No. of Pages : 51 No. of Claims : 14

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

(21) Application No.1001/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AEROSOL REFILL CARTRIDGE

(51) International classification :B67D7/60
(31) Priority Document No :13/222604
(32) Priority Date :31/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048777
Filing Date :30/07/2012
(87) International Publication No :WO 2013/032612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEVENSTEIN Lawrence M.
2)THIBODEAU Robert D.
3)WILLIAMS Eric A.

(57) Abstract :
An apparatus for dispensing material through a refillable cartridge comprising a container having a receptacle for receiving a refill cartridge the container having a lid cooperating with the container to enclose the refill cartridge the container further comprising an exit port and a channel for communicating material from the refill cartridge to the exit port and a valve for controlling the flow of material out of the refill cartridge; and a reusable refill cartridge sized to be received in the receptacle.

No. of Pages : 36 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10221/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A CELL MEDIATED IMMUNE RESPONSE ASSAY WITH ENHANCED SENSITIVITY

(51) International classification :G01N33/68
(31) Priority Document No :61/502811
(32) Priority Date :29/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2012/000756
Filing Date :27/06/2012
(87) International Publication No :WO 2013/000021
(61) Patent of Addition 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)BOYLE Jeff

(57) Abstract :
This disclosure relates generally to the field of immunological based diagnostic assays including an assay to measure cell mediated immunoresponsiveness. The present disclosure teaches diagnosis of a subject s exposure to an antigen based on cell mediated immunoresponsiveness with enhanced sensitivity. Lymphocytes from a subject are contacted with at least a first set of peptides comprising at least one peptide of from 7 to 14 amino acid residues in length and a second set comprising at least one peptide of 16 amino acid residues or greater and the presence or elevation of an immune molecule is detected. The assay contemplated herein is capable of integration into standard pathology architecture to provide a diagnostic reporting system and to facilitate point of care clinical management.

No. of Pages : 63 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10222/CHENP/2013 A
(43) Publication Date : 10/10/2014

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

(51) International classification :H04L
(31) Priority Document No :2011156243
(32) Priority Date :15/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067899
Filing Date :13/07/2012
(87) International Publication No :WO 2013/011933
(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)KISHIYAMA Yoshihisa
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5)NISHIKAWA Daisuke

(57) Abstract :
To suppress an increase in power consumed by a user terminal even when a downstream control channel is expanded. Provided are a wireless base station device and a user terminal. The wireless base station device is provided with: an allocation unit for allocating downstream control information to a first control region from the head of a wireless frame to a predetermined OFDM symbol and a second control region in which frequencies are divided into a data region in a region that has been time divided with the first control region and for allocating to the first control region decoding control information indicating the user terminal that will perform decoding processing for the second control region; and a transmitter for transmitting the downstream control information and the decoding control information. The user terminal is provided with a receiver for receiving the downstream control information and the decoding control information from the wireless base station device and a decoder for controlling the decoding process performed on the second control region on the basis of the received decoding control information.

No. of Pages : 79 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1052/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FRICTION POWER OPTIMIZED INTERNAL COMBUSTION ENGINE AND METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE OF THIS KIND

(51) International classification :F01L1/00
(31) Priority Document No :102013203821.6
(32) Priority Date :06/03/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)PUETZER, JEAN-PHILIPPE

(57) Abstract :
The invention relates to an internal combustion engine (15) comprising at least one cylinder (14), which has at least one outlet port for discharging the exhaust gases via an exhaust system and at least one inlet port for feeding in the charge air via an intake system, and a valve (2) for each port, which can be moved between a valve closing position and a valve open position in order to expose or to block an inlet or outlet port, a valve spring (4) for each valve (2) in order to preload the valve (2) in the direction of the valve closing position, and a valve actuating device (la) for actuating the valves (2) in order to open a valve (2) counter to the preloading force of the valve spring (4), which comprises at least one camshaft (5) having a cam (5a) for each valve (2) and at least one cam follower element (6) for each valve (2), wherein each cam follower element (6) is arranged in the force transmission path between the camshaft (5) and the associated valve (2). The intention is to provide an internal combustion engine (15) which is optimized in respect of the friction power of the valve gear (1) and wear. This is achieved by means of an internal combustion engine (15) of the type mentioned which is distinguished by the fact that

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

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

(21) Application No.1029/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM OF SEQUENTIAL KERNEL REGRESSION MODELING FOR FORECASTING AND PROGNOSTICS

(51) International classification :G05B23/02
(31) Priority Document No :13/186153
(32) Priority Date :19/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045901
Filing Date :09/07/2012
(87) International Publication No :WO 2013/012584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HERZOG James P.

(57) Abstract :
A monitoring system for determining the future operational condition of an object includes an empirical model to receive reference data that indicates the normal operational state of the object and input pattern arrays. Each input pattern array has a plurality of input vectors while each input vector represents a time point and has input values representing a plurality of parameters indicating the current condition of the object. The model generates estimate values based on a calculation that uses an input pattern array and the reference data to determine a similarity measure between the input values and reference data. The estimate values in the form of an estimate matrix include at least one estimate vector of inferred estimate values and represents at least one time point that is not represented by the input vectors. The inferred estimate values are used to determine a future condition of the object.

No. of Pages : 49 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.1060/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PERFORATED BRAKE PADS

(51) International classification :F16D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NAGALINGAM PRADEEP

(57) Abstract :
A Disc Brake Pad in a disc brake system comprises of a Brake Lining having at least one frictional surface and a Carrier Plate, which are attached by the process of Brazing. This Brake Pad consists of two series (upper series and lower series) of tapered through holes whose axes are perpendicular to the frictional surface (Brake Lining). In addition to this structure, the said Brake Pad also consists of series of rectangular holes whose axes and planes are parallel to the frictional surface (Brake Lining). These rectangular holes correspond to each tapered through holes of the said Brake Pad. These rectangular holes are present at the interface between the said Brake Lining and the said Carrier Plate. These rectangular holes begin from the upper circumferential portion of their respective tapered hole and end at the upper periphery of the said Brake Pad in the said upper series of the tapered holes except the holes at the two upper corners. While few rectangular holes begin from the lower circumferential portion of their respective tapered hole and end at the lower periphery of the said Brake Pad in the said lower series of the tapered holes except the holes at the two lower corners. In addition, few rectangular holes begin from the circumferential portion at the sides of their respective tapered holes present at the four corners of the said brake pad and end at the shortest peripheral side of the Brake Pad. The reduction in the frictional area due to the tapered holes is corrected by the addition of equivalent area at the two smaller sides of the said Brake Lining. This said Brake Pad acts as a ventilator where air passes through the tapered through holes and the rectangular holes, providing better heat dissipating structure in order to inhibit the temperature rise in the Brake Pad, obviously increasing the braking efficiency.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.1095/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VACUUM VIBRATION PRESS FOR FORMING ENGINEERED COMPOSITE STONE SLABS

(51) International classification :B28B1/08,B28B3/02,B28B11/10
(31) Priority Document No :61/526308
(32) Priority Date :23/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051817
Filing Date :22/08/2012
(87) International Publication No :WO 2013/028736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BANUS Christopher T.

(57) Abstract :
A vacuum vibration press for making composite stone slabs applies as much or more vibration and pressure than a conventional Breton press while weighing less costing less to manufacture providing shorter press cycle times and requiring less energy consumption. Instead of vibrating the entire vacuum chamber the press includes vibration devices within the vacuum chamber which vibrate only the pressing apparatus. Instead of more than 100 tons the press vibrates less than 5000 pounds of apparatus using less than 25 hp instead of 100 300 hp. In embodiments vacuum volume reduction blocks reduce the volume to be evacuated within the chamber. Embodiments use screw jacks and springs or air bags to provide controlled pressing force and precisely uniform slab thickness. The vibration can be vertical and/or horizontal linear and/or circular and mechanical and/or ultrasonic. Slabs can be inserted and removed on a conveyor belt or in separate trays on rollers.

No. of Pages : 37 No. of Claims : 27

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

(21) Application No.1038/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TEST METHOD FOR AN ELEVATOR SYSTEM AND A MONITORING DEVICE FOR CARRYING OUT THE TEST METHOD

(51) International classification :B66B13/22,B66B5/00
(31) Priority Document No :11177268.7
(32) Priority Date :11/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/064541
Filing Date :24/07/2012
(87) International Publication No :WO 2013/020806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INVENTIO AG
Address of Applicant :Seestrasse 55 CH 6052 Hergiswil Switzerland
(72)**Name of Inventor :**
1)SONNENMOSER Astrid
2)MICHEL David
3)HESS Martin

(57) Abstract :
In a first aspect the invention relates to a test method for an elevator system having a control unit (11) and at least one bus node (13). Said bus node (13) has a first microprocessor (14) and a second microprocessor (15). The control unit (11) and the bus node (13) communicate by means of a bus (12). Furthermore the first microprocessor (14) and the second microprocessor (15) are connected without interruption by means of a signal line (18). The test method comprises the following steps: a specification signal is transmitted by the control unit (11) to the first microprocessor (14) the first microprocessor (14) transmits the signal to the second microprocessor (15) and the second microprocessor (15) provides the signal for the control unit (11). Finally the control unit (11) verifies whether the provided signal corresponds to a signal expected by the control unit (11). A second aspect relates to a monitoring device for carrying out the test method.

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

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

(21) Application No.1072/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR POSITIONAL SECURING OF A UNIT

(51) International classification :F16B39/284,F16B39/32
(31) Priority Document No :10 2011 051 961.0
(32) Priority Date :20/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/063571
Filing Date :11/07/2012
(87) International Publication No :WO 2013/010873
(61) Patent of Addition 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)Kaier Richard
3)BIEBER J¼rgen
4)SCH„NZEL Rainer

(57) Abstract :
The invention relates to a device for securing a unit in a housing (2) in particular a locating bearing (3) of a pinion (1) in a steering gear of a motor vehicle having a securing element which is inserted into a bore (2a) in the housing (2). The securing element (5) is provided with at least one ratchet lever (9) wherein the at least one ratchet lever (9) latches into toothing gaps (14) of a toothing geometry (13) in the bore (2a) of the housing (2) via a latching lug (12) which is arranged at the free end of the ratchet lever or wherein at least one latching lug is arranged in the bore (2a) which latching lug latches into toothing gaps of a toothing geometry in the securing element.

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

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

(21) Application No.1073/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESSING MINED MATERIAL

(51) International classification :G01N21/85,B07B4/02,H05B6/60
(31) Priority Document No :2011903079
(32) Priority Date :03/08/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000913
Filing Date :03/08/2012
(87) International Publication No :WO 2013/016771
(61) Patent of Addition 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)DIMITRAKIS Georgios
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4)WELLWOOD Grant Ashley

(57) Abstract :
An apparatus for processing mined material such as mined ore is disclosed. The apparatus includes an applicator (2) for exposing a downwardly moving bed of fragments of a material to electromagnetic radiation. The applicator includes a tube (4) for containing the moving bed of fragments that has an upper inlet and a lower outlet and a transverse cross sectional area that increases between the inlet and the outlet.

No. of Pages : 35 No. of Claims : 37

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

(21) Application No.1118/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS AND CONTROL SYSTEMS FOR CONTROLLING AN INDUSTRIAL SYSTEM

(51) International classification :G05B23/02
(31) Priority Document No :11177627.4
(32) Priority Date :16/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065609
Filing Date :09/08/2012
(87) International Publication No :WO 2013/023993
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TIMSJ– Susanne
2)PEI BREIVOLD Hongyu
3)AZHAR Saad

(57) Abstract :
It is presented a method of controlling an industrial system by means of a control system comprising a display unit. The method provides a system operator with a comprehendible overview of the status of the essentially all process variables of an industrial system and thus provides the operator with the opportunity to immediately take action if an alarm occurs in the industrial system.

No. of Pages : 25 No. of Claims : 14

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

(21) Application No.1119/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR UPGRADING BIOMASS DERIVED PRODUCTS

(51) International classification :C10G3/00,C11B1/00,C11B3/00
(31) Priority Document No :13/212861
(32) Priority Date :18/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050561
Filing Date :13/08/2012
(87) International Publication No :WO 2013/025600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)ROEMISCH Royce
6)SORRELLS Jennifer
7)MAY Leslie
8)RAMIREZ CORREDORES Maria Magdalena
9)BANDA Rocio
10)BAUER Larry

(57) Abstract :
Disclosed is a process for the alteration of the ratio of the specific gravities of the oil and water phases resulting from the conversion of biomass to liquid products the reduction of the conductivity and of metals of the product mixture which each can aid in the removal of solids contained in the oil phase.

No. of Pages : 28 No. of Claims : 92

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

(21) Application No.1005/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RUBBER COMPOSITION AND PNEUMATIC TIRE

(51) International classification :C08L15/00,B60C1/00,C08K3/36
(31) Priority Document No :2011181868
(32) Priority Date :23/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/071120
Filing Date :22/08/2012
(87) International Publication No :WO 2013/027746
(61) Patent of Addition 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)UESAKA Kenichi

(57) Abstract :
a rubber composition which is capable of improving low fuel consumption wet grip performance and dry grip performance in a balanced manner; and a pneumatic tire which uses the rubber composition in tire constituent members (especially in a tread). The present invention relates to a rubber composition which contains: a rubber component that contains a copolymer which is obtained by copolymerizing 1 3 butadiene styrene and a compound represented by formula (I) said copolymer having an amino group at one end having a functional group containing at least one atom selected from the group consisting of nitrogen oxygen and silicon at the other end and having a weight average molecular weight of from 1.0 — 10 to 2.5 — 10; and silica wherein when a particle having three or more adjacent particles is considered as a branch particle Z the average length (W) between branch particles Z Z including the branch particles Z is 30 400 nm. (In the formula R represents a hydrocarbon group having 1 10 carbon atoms.)

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.1098/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR EXAMINING THE PRODUCTION QUALITY OF AN OPTICAL SECURITY FEATURE OF A VALUABLE DOCUMENT

(51) International classification :G07D7/12,G07D7/20
(31) Priority Document No :10 2011 114 410.6
(32) Priority Date :26/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/004011
Filing Date :25/09/2012
(87) International Publication No :WO 2013/045074
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SU Shanchuan
2)HOLL Norbert

(57) Abstract :
The invention relates to a method for examining the production quality preferably the printing quality of a predefined optical security feature in or on a predefined section of a valuable document on the basis of pixel data of pixels of an image of said predefined section wherein these data are associated in each case with locations in or on said section and reproduce optical characteristics of the valuable document at those locations. In this method an examination takes place as to whether a first count or a first portion of those pixels of the image pixels with pixel data lying according to a first predefined criterion within a predefined first reference range for the security feature exceeds a predefined first target minimum value for said security feature and whether a first dispersion of the pixel data of those pixels lying according to said first criterion within the first reference range for the pixel data exceeds a predefined first minimum dispersion for the security feature. Depending on the result of this examination a quality signal is generated which only indicates that the printing quality is sufficient if the first count or the first portion exceeds the first target minimum value and the dispersion exceeds the first minimum dispersion.

No. of Pages : 53 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2014

(21) Application No.1150/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF SEQUENTIAL KERNEL REGRESSION MODELING FOR FORECASTING AND PROGNOSTICS

(51) International classification :G05B23/02
(31) Priority Document No :13/186200
(32) Priority Date :19/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045897
Filing Date :09/07/2012
(87) International Publication No :WO 2013/012583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HERZOG James P.

(57) Abstract :
A method for determining the future operational condition of an object includes obtaining reference data that indicates the normal operational state of the object and obtaining input pattern arrays. Each input pattern array has a plurality of input vectors while each input vector represents a time point and has input values representing a plurality of parameters indicating the current condition of the object. At least one processor generates estimate values based on a calculation that uses an input pattern array and the reference data to determine a similarity measure between the input values and reference data. The estimate values in the form of an estimate matrix include at least one estimate vector of inferred estimate values and represents at least one time point that is not represented by the input vectors. The inferred estimate values are used to determine a future condition of the object.

No. of Pages : 49 No. of Claims : 21

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

(21) Application No.1036/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR MOVING OR REMOVING ARTIFICIAL SATELLITES

(51) International classification :B64G1/24,B64G1/26,B64G1/40
(31) Priority Document No :MI 2011 A 001332
(32) Priority Date :18/07/2011
(33) Name of priority country :Italy
(86) International Application No:PCT/EP2012/064123
Filing Date :18/07/2012
(87) International Publication No :WO 2013/011073
(61) Patent of Addition 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)TUSSIWAND Giuseppe Jussef
3)PANESI Renato
4)PANOZZO Thomas

(57) Abstract :
The present invention relates to a device (10 20 40 50) for coupling with a space satellite (20 20) before the latter is launched for the purpose of re orbiting said satellite and/or returning it to Earth. The device comprises. means for controlling the device (10 20 40 50); propulsion means operatively connected with the control means; means for receiving control signals operatively connected with the control means; means for electrically powering the device (10 20 40 50); means (310 320 330 340 340 350 360) for mechanically coupling the device (10 20 40 50) with said satellite (20 20) before the latter is launched. The propulsion means are enabled by the control means on receipt of control signals for de orbiting the satellite (20 20) and transferring it to a given orbit.

No. of Pages : 65 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1037/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LOUDSPEAKER ARRANGEMENT WITH ON-SCREEN VOICE POSITIONING FOR TELEPRESENCE SYSTEM

(51) International classification :H04R1/00
(31) Priority Document No :61/779,591
(32) Priority Date :13/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JINWEI FENG
4)JAMES M. SHARP

(57) Abstract :
A videoconferencing system has a plurality of displays arranged side-by-side. Top loudspeakers are arranged adjacent the tops of the displays, and bottom loudspeakers are arranged adjacent the bottoms of the displays. A control unit operatively coupled to the displays and the loudspeakers routes video to each of the displays and routes audio corresponding to each display to any of the top and bottom loudspeakers arranged adjacent the display. Thus, the top and bottom loudspeakers form a vertical pair of loudspeakers that output the corresponding audio for its respective display. In this way, the audio for the video of a given display is perceived by participants to originate from the center of the given display. If one of the loudspeakers is not provided, gain setting and mixing between adjacent sets of loudspeakers can produce a virtual loudspeaker for the one that is missing.

No. of Pages : 37 No. of Claims : 26

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

(21) Application No.1037/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RAPID MULTI LEVEL RECHARGE SYSTEM

(51) International classification :H02J7/00,H02J15/00
(31) Priority Document No :2746304
(32) Priority Date :15/07/2011
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2012/050479
Filing Date :12/07/2012
(87) International Publication No :WO 2013/010270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a rapid multi level recharge system. The system uses an intermediate power battery as a voltage point such that a converter having a fraction of the output voltage can control the entire transfer of power to or from the battery of a vehicle or an electric power device. The intermediate battery comprises multiple stages in series associated with small respective chargers that allow the stage load balancing of the intermediate battery to be managed since the chargers can be controlled in such a way as to vary the contribution of each stage separately.

No. of Pages : 41 No. of Claims : 19

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

(21) Application No.1071/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : USE OF MAD2L2 AS A STRATIFICATION MARKER IN THE TREATMENT OF BREAST TUMOURS WITH NOVEL PAN CDK INHIBITORS

(51) International classification :C12Q1/68
(31) Priority Document No :10 2011 080 992.9
(32) Priority Date :16/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/065944
Filing Date :15/08/2012
(87) International Publication No :WO 2013/024116
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SIEMEISTER Gerhard
2)GROTH Philip

(57) Abstract :
The invention relates to the use of MAD2L2 as a stratification marker in the treatment of breast tumours with novel pan CDK inhibitors of formula (I).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1210/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF FORMING A GRID DEFINING A FIRST RELATIVE REFERENCE FRAME

(51) International classification :H02J3/00
(31) Priority Document No :13/794923
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)LOPEZ, JAMES GERARD

(57) Abstract :
A method (100) of projecting into space, from a first object, a plurality of modulated lines to form a grid defining a first relative reference frame, the method (100) includes projecting into space from the first object a horizontal grid line comprising polarized light having a first orientation (102) and projecting into space from the first object a vertical grid line comprising polarized light having a second orientation different than the first orientation (104) and modulating the horizontal grid line and the vertical grid line to carry first and second grid words, respectively (106 and 108).

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

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

(21) Application No.1044/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LANCES FOR TOP SUBMERGED INJECTION

(51) International classification :C22B9/05,C21C5/46,F27D3/16
(31) Priority Document No :2011903569
(32) Priority Date :02/09/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/001001
Filing Date :28/08/2012
(87) International Publication No :WO 2013/029092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MATUSEWICZ Robert
2)REUTER Markus

(57) Abstract :
A lance (10) for conducting a pyrometallurgical operation by top submerged lancing (TSL) injection wherein the lance (10) has at least an inner pipe (12) and outer pipe (14) which are substantially concentric. The lower outlet of the inner pipe (12) is set at a level relative to the lower outlet end of the outer pipe (14) required for pyrometallurgical operation. The lance (10) further includes a shroud (22) through which the outer pipe (14) extends and which is mounted on and extends along an upper portion of the outer pipe (14) to define with the outer pipe (14) a passageway (28) along which gas is able to be supplied for flow towards the outlet end of the outer pipe (14) for discharge exteriorly of the lance (10). The shroud (22) is longitudinally adjustable relative to the outer pipe (14) to enable substantial maintenance of or variation in a longitudinal spacing between the outlet ends of the shroud (22) and the outer pipe (14).

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

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

(21) Application No.1123/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OPHTHALMIC FORMULATIONS

(51) International classification :A61K31/79,A61K9/00,A61K33/18
(31) Priority Document No :1114725.3
(32) Priority Date :25/08/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052082
Filing Date :24/08/2012
(87) International Publication No :WO 2013/027065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CRAWFORD Francesca
2)GUNNING Philip

(57) Abstract :
There is provided a germicidal aqueous formulation suitable for use in the eye which has a pH of from 4.0 to 6.5 and which comprises 4.0 to 7.5% w/w of povidone iodine and a viscosity increasing agent the formulation buffered with a buffer concentration of 25 mM to 75 mM.

No. of Pages : 16 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1176/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING CHANGES IN BRAND AWARENESS AFTER EXPOSURE TO ON-LINE ADVERTISEMENT

(51) International classification :G06Q30/00
(31) Priority Document No :13/831,337
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SANKARAN AYYAPPAN
2)KADAMBI JAYANT
3)DAMERDJI HALIM

(57) Abstract :
A method for determining changes in brand awareness after exposures to on-line advertisements includes: first selecting and monitoring a test group including a first plurality of members and a control group including a second plurality of members from a pool of users, whereby the first plurality of members and the second plurality of members do not overlap; second exposing the test group, but not the control group, to an advertisement associated with a brand; third conducting surveys of the first plurality of members and the second plurality of members with respect to the brand; and fourth analyzing the monitoring of the test group and the control group to determine a brand lift index with respect to the advertisement

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.1228/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TECHNIQUE FOR CLEAVING OUT PART OF POLY(A) CHAIN AND/OR 3 TERMINAL SEQUENCE OF MRNA TO INHIBIT TRANSLATION REACTION

(51) International classification	:C12N15/09,A01K67/027,A61K31/7105
(31) Priority Document No	:2011160512
(32) Priority Date	:22/07/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/068085 :17/07/2012
(87) International Publication No	:WO 2013/015152
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)Yoshindo Inc.
3)Tokyo Institute of Technology
(72)**Name of Inventor :**
1)WADA Tadashi
2)TAKEDA Kei
3)HANDA Hiroshi

(57) Abstract :
Provided is an artificial gene expression inhibition method which can be designed more readily compared with conventional methods (an RNAi method a ribozyme method an antisense method) and in which the effect thereof can be confirmed readily. Provided are: a method for inhibiting the translation reaction of a target gene which comprises cleaving out a part of a poly(A) chain and/or a 3 terminal sequence of target mRNA; a kit for inhibiting a translation reaction which comprises a reagent capable of cleaving out a part of a poly(A) chain and/or a 3 terminal sequence of target mRNA; a cell into which a reagent capable of cleaving out a part of a poly(A) chain and/or a 3 terminal sequence of target mRNA is introduced so as to inhibit the translation reaction of a target gene; and a non human living organism into which a reagent capable of cleaving out a part of a poly(A) chain and/or a 3 terminal sequence of target mRNA is introduced so as to inhibit the translation reaction of a target gene.

No. of Pages : 51 No. of Claims : 11

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

(21) Application No.1003/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR OPTIMIZING POWER CONSUMPTION IN WIRELESS DEVICES USING DATA RATE EFFICIENCY FACTOR

(51) International classification :H04W52/02,H04W36/14
(31) Priority Document No :13/211730
(32) Priority Date :17/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049182
Filing Date :01/08/2012
(87) International Publication No :WO 2013/025350
(61) Patent of Addition 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)DIMPFLMAIER Ronald W.
2)YU Jesse
3)LUM Nicholas W.

(57) Abstract :
An electronic device has wireless communications circuitry that supports communications using multiple radio access technologies. The electronic device may gather information such as data rate values power consumption values and other data for a currently active radio access technology and an alternative radio access technology. The electronic device may automatically switch between the currently active radio access technology and the alternative radio access technology based on a value of a data rate efficiency metric. The data rate efficiency metric may represent how efficiently each radio access technology is capable of using power to convey a given amount of data per unit time. The data rate efficiency metric may be evaluated using measured power consumption data measured data rate values and operating parameters such as signal strength and transmitted power parameters.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.1090/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : USE OF POLYMER POWDERS REDISPERSIBLE IN WATER FOR IMPROVING THE STORAGE STABILITY OF CEMENT OR DRY MORTAR

(51) International classification :C04B24/26,C04B28/02,C04B40/00
(31) Priority Document No :102010039315.0
(32) Priority Date :13/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/062840
Filing Date :26/07/2011
(87) International Publication No :WO 2012/019908
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HEROLD Hardy
2)BASTELBERGER Thomas
3)H„RZSCHEL Reinhard

(57) Abstract :
The invention relates to the use of polymer powders that can be redispersed in water comprising a) one or more base polymers forming films on the basis of homo or mixed polymers of one or more monomers from the group comprising vinyl esters of unbranched or branched alkylcarboxylic acids having 1 to 15 C atoms methacrylic acid esters and acrylic acid esters of alcohols having 1 to 15 C atoms vinyl aromatics olefins dienes and vinyl halogenides b) one or more additives from the group comprising organosilicon compounds fatty acids and the fatty acid derivatives thereof and hydrocarbon waxes and c) one or more protective colloids for improving the storage stability of cement and cementitious dry mortars.

No. of Pages : 23 No. of Claims : 6

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

(21) Application No.1304/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PLUG CONNECTOR

(51) International classification :H01R13/629,H01R13/645,H01R107/00
(31) Priority Document No :11181039.6
(32) Priority Date :13/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/067437
Filing Date :06/09/2012
(87) International Publication No :WO 2013/037699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BELTZER Patrick

(57) Abstract :
The invention relates to a rekasahle multi-plug connector comprising a socket side (1) with, an insulating socket housing (10) and with a plurality of socket elements (2) vAich are received in the socket housing (10) and which comprise a socket portion (20) and a contact portion (21) for connecting to an external element in an electrically conductive manner, in particular a multipolar cable. The plug connector also comprises a plug side (3) with an hnqilnring plug housing (30) and with a plurality of plug elements (4) which are received in the plug housing (30) and which comprise a pin portion (40) and a contact portion (41) for connecting to an external element in an electrically conductive manner, in particular a multipolar cable. The socket bousing (10) and me plug housing (30) can be connected together along a plug direction (S), said pin portions (40) of the plug elements (4) protruding into the socket portions (20) of the socket elements (2) in me plugged state such that an electric contact can be provided between the socket side (1) and the plug side (2) via the socket portion (20) and the pin portion (40). The socket housing (10) and the plug housing (30) have a contact surface (11, 31) via which the socket housing (10) and the plug housing (30) are in contact. A waB. (32) extends from the contact surface (31) of the plug housing (30) or the socket housing (10), said wall at least partly surrounding the pin portions (40) or the socket portions (20), and an opening j (12) extends from the contact surface (11) that does not have v the wall (32) into the socket housing (10) or the plug housing (30), the socket portions (20) or the pin portions (40) lying in said opening (12). The wall (32) cross-section oss-section perpendicular to the plug direction, and the wall (32)

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10214/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS FOR GASIFYING LOW TEMPERATURE LIQUEFIED GAS AND METHOD FOR GASIFYING LOW TEMPERATURE LIQUEFIED GAS

(51) International classification :c10j
(31) Priority Document No :2011146137
(32) Priority Date :30/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004158
Filing Date :27/06/2012
(87) International Publication No :WO 2013/001806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)EGASHIRA Shinji
2)ASADA Kazuhiko
3)IWASAKI Masahide

(57) Abstract :
This apparatus for gasifying a low temperature liquefied gas is provided with: an evaporator (E1) which evaporates at least some of a liquid intermediate medium (4) by performing heat exchange between an atmosphere (12) and the intermediate medium (4); a gasification device (E2) which gasifies a low temperature liquefied gas by condensing the intermediate medium (4) that has been evaporated by the evaporator (E1); an air blower (11) for blowing air to the evaporator (E1); and an inverter (38) that controls the amount of heat exchanged at the evaporator (E1) so that the temperature of the intermediate medium (4) in the evaporator (E1) is within a predetermined temperature range. The evaporator (E1) is arranged below the liquid level of the intermediate medium (4) retained in the gasification device (E2).

No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.1086/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : T PIECE PREFORMER

(51) International classification :F16L39/00,F16L41/02
(31) Priority Document No :1113804.7
(32) Priority Date :11/08/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051777
Filing Date :24/07/2012
(87) International Publication No :WO 2013/021166
(61) Patent of Addition 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)DELAPORTE Dominique Louis
3)POPINEAU Dominique
4)ROMAZZOTTI Henri Marie Louis Robert

(57) Abstract :
A T piece preformer for forming a T piece in a pipe in pipe (PIP) pipeline for laying in a marine environment the PIP pipeline comprising at least inner and outer pipes having an annular space thereinbetween and one or more cables extending along the annular space the T piece preformer comprising at least: (a) inner and outer longitudinal collars (24 22) corresponding in circumference to the circumferences of the inner and outer pipes of the PIP pipeline; (b) one or more annular walls (26) extending between the inner and outer collars; (c) one or more cable apertures (28) through each annular wall; and (d) one or more guide points (30) on the outer collar radially offset from the or each cable apertures and able to provide guidance for a hole into the T piece preformer from outside the outer collar to within the inner collar. The T piece preformer can be assembled into a PIP pipeline onshore and only requires the provision of a final hole during laying. Moreover the T piece preformer has one or more cable apertures through each annular wall particularly adapted for allowing the continuation of cables in the annular space through the PIP pipeline and T piece preformer and the then formed T piece.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014

(21) Application No.1288/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AFTERTREATMENT SYSTEM FOR SIMULTANEOUS EMISSION CONTROL IN STATIONARY RICH BURN ENGINES

(51) International classification :F01N3/00
(31) Priority Document No :13/833528
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DEVARAKONDA, MARUTHI NARASINGA RAO

(57) Abstract :
A catalyst system may include a three-way catalyst that may receive exhaust gases from an engine and convert the exhaust gases to first converted exhaust gases. An ammonia slip catalyst may receive the first converted exhaust gases and convert the first converted exhaust gases to second converted exhaust gases. A hydrocarbon oxidation catalyst may receive the second converted exhaust gases and convert the second converted exhaust gases to third converted exhaust gases.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1341/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BRANCHING DEVICE AND POWER SUPPLY PATH MONITORING METHOD

(51) International classification :H04B3/44,H02J13/00
(31) Priority Document No :2011281354
(32) Priority Date :22/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074189
Filing Date :21/09/2012
(87) International Publication No :WO 2013/094266
(61) Patent of Addition 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)AIDA Ryuji

(57) Abstract :
This branching device is provided with: a power supply path switching unit (14) for switching in accordance with a control signal received from a terminal device the connection destination of multiple power supply paths for supplying power to a device for transferring an optical signal received from the terminal device via a transmission path; a current detecting unit (13) for outputting to each power supply path a detection signal containing information on whether or not current is flowing and information of the current direction if current is flowing; and a monitoring unit (15) for transmitting the monitoring result to the terminal device on the basis of at least one detection signal from among the detection signals received from the current detecting unit (13).

No. of Pages : 22 No. of Claims : 4

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

(21) Application No.1030/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FUEL SLURRY HEATING SYSTEM AND METHOD

(51) International classification :C10L1/32,C10L1/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/001380
Filing Date :19/08/2011
(87) International Publication No :WO 2013/026176
(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)AYALA Raul Eduardo
4)YANG Zhaohui
5)WANG Dejia
6)ZHOU Yan
7)SIVAGURUNATHAN Karunagaran
8)S Murugaraja

(57) Abstract :
A fuel slurry heating system includes a fuel slurry preparation system which comprises a fuel slurry vessel configured to hold the fuel slurry a heat source and a controller configured to control the heat source to heat the fuel slurry to decrease a viscosity of the slurry below a threshold viscosity to make the slurry pumpable and the fuel slurry is composed of a solid fuel and a liquid. And a corresponding method for using the heating system to heat a slurry to increase a solids concentration of the slurry while maintaining the viscosity of the slurry below a threshold viscosity is also disclosed.

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

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

(21) Application No.1031/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MIXING MANIFOLD AND METHOD

(51) International classification :H01L23/46
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/001351
Filing Date :15/08/2011
(87) International Publication No :WO 2013/023321
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHANG Fan
2)ZHANG Xiaodan
3)ZHANG Richard S.
4)SHENG Junfeng

(57) Abstract :
A method and cooling system that cools a power stack in a power conversion apparatus. The liquid cooling system (80) includes a first cooling stage (82) that includes first cooling components wherein the first cooling components are connected to form parallel cooling branches (86a 86n); a mixing manifold (84) configured to be fluidly connected to the parallel cooling branches so that cooling liquid streams from the parallel cooling branches are mixed in the mixing manifold; and a second cooling stage (86) that includes second cooling components and the second cooling stage is connected in series with the first cooling stage in terms of a cooling liquid that flows through the cooling system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1208/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LUBRICATING RING

(51) International classification :F01M11/00
(31) Priority Document No :13/795607
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GARLAPATI, PRAVEEN KUMAR
2)NAIR, SASIDHARAN
3)PODDATURI, RAJESH

(57) Abstract :
A shaft lubrication apparatus is provided and includes a rotatable shaft, a lubrication sump and a lubrication ring. The lubrication ring is rotatable with the rotatable shaft with respect to the lubrication sump whereby lubrication is transported from the lubrication sump to the rotatable shaft.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.1428/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH POWER CONVERTER COMPRISING LOW POWER SWITCHES AND A SWITCH CONTROL DEVICE FOR GENERATING A PULSE WITH A REFERENCE VALUE AND AT LEAST TWO CONTROL VALUES

(51) International classification :H02M1/088,H03K17/0412
(31) Priority Document No :11 57749
(32) Priority Date :01/09/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/066917
Filing Date :30/08/2012
(87) International Publication No :WO 2013/030308 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PERMUY Alfred

(57) Abstract :
The invention relates to a system for converting a first electric voltage into a second electric voltage comprising: at least two input terminals and two output terminals; switching members (16) disposed between the input and output terminals which can convert the first voltage into the second voltage; and a device (24) for controlling the switching members said control device (24) comprising a cell (34) for controlling a switching member (16) and a member (36) for managing and supplying the control cell (34) said management and supply member being connected to the control cell by means of a link (38) allowing the simultaneous transmission of a control signal and electrical energy. The management and supply member (36) comprises means for generating a pulse comprising at least two different control intervals. During the second control interval the pulse has a substantially constant value that is different from a reference value corresponding to the absence of control commands the value of the pulse being different from one control interval to the other and during the first control interval the pulse has a value strictly greater than the value during the second control interval.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.1429/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIGH POWER CONVERTER INCLUDING LOW POWER TRANSISTORS CONNECTED IN PARALLEL

(51) International classification :H02M1/088
(31) Priority Document No :1157748
(32) Priority Date :01/09/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/066916
Filing Date :30/08/2012
(87) International Publication No :WO 2013/030307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GE ENERGY POWER CONVERSION TECHNOLOGY LTD.
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(72)**Name of Inventor :**
1)PERMUY Alfred

(57) Abstract :
The invention relates to a system for converting a first electric voltage into a second electric voltage comprising: at least two input terminals and two output terminals; and switching members (16) disposed between the input and output terminals which can convert the first voltage into the second voltage. At least one switching member (16) comprises at least two arms (26) connected in parallel and each arm includes an electronic switch (34) that can be controlled such as to occupy either an on state or an off state said switch comprising a control electrode (36) and two conduction electrodes (38 40) that conduct current in the on state. The switching member (16) comprises a common control terminal (28) connected to the control electrode (36) of the switch of each arm as well as a first common conduction terminal (30) and a second common conduction terminal (32) connected respectively to a first conduction electrode (38) and a second conduction electrode (40) of the switch (34) of each of the arms. The switching member (16) also comprises for each arm an inductance (42) connected between the same single electrode from the two conduction electrodes (38 40) and the corresponding common conduction terminal (30 32) and the inductance (42) is greater than 10 nH and substantially identical for each arm.

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

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

(21) Application No.1075/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF BONDING A FLUOROELASTOMER COMPOUND TO A METAL SUBSTRATE USING LOW MOLECULAR WEIGHT FUNCTIONAL HYDROCARBONS AS BONDING PROMOTER

(51) International classification :C09J127/16,C08K5/101,C08J3/24
(31) Priority Document No :11177265.3
(32) Priority Date :11/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/US2012/049443
Filing Date :03/08/2012
(87) International Publication No :WO 2013/022729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LOCHHAAS Kai Helmut
2)HINTZER Klaus
3)ARREN Dirk H.C.
4)EBERL Karl

(57) Abstract :
Provided are methods of bonding a fluoroelastomer to a metal substrate; fluoropolymer compounds comprising a fluoroelastomer a curing agent and a bonding promoter; and composite materials obtained by curing the compound. Further provided is the use of bonding promoters for increasing the bond strength between a fluoroelastomer and a metal substrate.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2014

(21) Application No.1117/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GASIFICATION SYSTEMS AND METHODS

(51) International classification :C10J
(31) Priority Document No :13/788655
(32) Priority Date :17/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAZUMDAR, ANINDRA

(57) Abstract :
In one aspect, a gasification system (10) for use with low rank fuel is provided. The system includes a first gasifier (22) positioned to receive a feed of low rank fuel (14), the first gasifier being configured to gasify the low rank fuel to produce hydrocarbons (26) and fixed carbon (24). The system also includes a second gasifier (34) configured to produce a syngas stream (46) using the received fixed carbon, a cooler (52) configured to receive and cool the syngas stream, and a first conduit (80) coupled between the cooler and the first gasifier. The first conduit is configured to recycle at least a portion of the syngas stream to the first gasifier to facilitate heating low rank fuel within the first gasifier. The recycled syngas stream is mixed with the hydrocarbons to produce a hydrocarbon-rich syngas stream (82). The system also includes a second conduit (90) coupled to the first gasifier for receiving the hydrocarbon-rich syngas stream.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.1436/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL COMPOUND HAVING TRIAZINE SIDE CHAIN COLORED COMPOSITION INKJET INK INKJET RECORDING METHOD COLOR FILTER AND COLOR TONER

(51) International classification :C09B67/20,B41J2/01,B41M5/00
(31) Priority Document No :2011188043
(32) Priority Date :30/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068597
Filing Date :23/07/2012
(87) International Publication No :WO 2013/031428
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FUJIE Yoshihiko

(57) Abstract :
A compound represented by general formula (1) which is a novel compound that can further improve performance associated with image durability such as ozone resistance light resistance and moisture resistance of a printed matter compared with conventional compounds can provide a printed matter having an excellent printing density has a specific triazine unit as a side chain and has a specific structure derived from a xanthene skeleton. In general formula (1) R to R independently represent a hydrogen atom or a substituent wherein R and R R and L or R and L may be bound together to form a ring; L represents a single bond or a bivalent linking group; D represents a residue formed by removing n hydrogen atoms from a compound represented by general formula (2); and n represents an integer of 1 or greater wherein multiple R s to R s may be the same as or different from one another and multiple L s may be the same as or different from one another when n represents an integer of 2 or greater. In general formula (2) R to R independently represent a hydrogen atom or a substituent. The compound represented by general formula (1) has at least one ionic hydrophilic group.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2013

(21) Application No.1490/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PHOTO-RESPONSIVE HYDROPHILIC COATING

(51) International classification :C07C271/00
(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)EMPIRE TECHNOLOGY DEVELOPMENT LLC
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(72)**Name of Inventor :**
1)SIVARAMAN RAGHU

(57) Abstract :
Coating compositions that provide hydrophilic and self-cleaning properties upon exposure to UV or visible light are disclosed. Coatings can include derivatives of coumarates and/or azobenzene compounds. When exposed to UV or visible light, these compounds isomerize to cis-configuration which are hydrophilic in nature as compared to when in their hydrophobic trans-state.

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

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

(21) Application No.1016/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING VANILLIN BY ELECTROCHEMICALLY OXIDIZING AQUEOUS LIGNIN SOLUTIONS OR SUSPENSIONS

(51) International classification :C25B3/02
(31) Priority Document No :11177320.6
(32) Priority Date :11/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065642
Filing Date :10/08/2012
(87) International Publication No :WO 2013/021040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)STECKER Florian
2)MALKOWSKY Itamar Michael
3)FISCHER Andreas
4)WALDVOGEL Siegfried R.
5)REGENBRECHT Carolin

(57) Abstract :
The present invention relates to a method for producing vanillin said method comprising the electrochemical oxidization of an aqueous suspension or solution containing lignin at an anode wherein a silver electrode is used as the anode.

No. of Pages : 22 No. of Claims : 15

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

(21) Application No.1045/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYMER PRODUCT POLYMER COMPACT POLYMER COMPACT FOR MEDICAL USE TONER AND POLYMER COMPOSITION

(51) International classification :C08G63/00,C08G64/00
(31) Priority Document No :2011176731
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070579
Filing Date :06/08/2012
(87) International Publication No :WO 2013/024834
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TANAKA Chiaki
3)NEMOTO Taichi
4)SUZUKI Kazumi
5)OSAKA Keiko
6)WAKAMATSU Shinichi
7)SABU Satomi

(57) Abstract :
To provide a polymer product which is substantially free from an organic solvent and a metal atom and has a number average molecular weight of 12 000 or greater.

No. of Pages : 129 No. of Claims : 17

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

(21) Application No.1046/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PULVERULENT HYDROPHILIC POLYMER METHOD FOR PRODUCING SAME AND FLOCCULATION TREATMENT AGENT USING SAME

(51) International classification :C08J3/16,C08F2/32,C08F220/56
(31) Priority Document No :2011185620
(32) Priority Date :29/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051139
Filing Date :13/01/2012
(87) International Publication No :WO 2013/031245
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TONAMI Manabu
2)AOYAMA Kiyoshi
3)HIRATA Kazuyuki

(57) Abstract :
In the present invention a hydrophilic polymer comprising a water in oil emulsion in the form of a liquid is aggregated by emulsion breaking and the aggregate is pelletized and dried to provide a pulverulent hydrophilic polymer. As the emulsion breaker it is possible to use an ionic surfactant a non ionic surfactant having an HLB value of 11 to 20 or an oil soluble polymer compound having a hydrophilic group and a hydrophobic group. The pulverulent hydrophilic polymer obtained by this method exhibits excellent effects as a flocculation treatment agent.

No. of Pages : 62 No. of Claims : 17

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

(21) Application No.1125/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRODUCTION OF BIO BUTANOL AND RELATED PRODUCTS

(51) International classification :C12P1/00,C12P7/00
(31) Priority Document No :61/526127
(32) Priority Date :22/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051908
Filing Date :22/08/2012
(87) International Publication No :WO 2013/028783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUGANIT SYSTEMS INC.
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(72)**Name of Inventor :**
1)KUMAR Guneet

(57) Abstract :
The present invention provides a method for the production of an alkanol from biomass. The method for producing an alkanol including n butanol comprises fermenting a carbohydrate to produce a diacid and converting the diacid into an alkanol by solution chemistry or solid phase chemistry. The carbohydrate may be derived or extracted from a lignocellulose an algae a grain or a starch containing root.

No. of Pages : 19 No. of Claims : 82

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

(21) Application No.1127/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BELLOWS FOR A COMMUNICATION PASSAGE BETWEEN TWO VEHICLES CONNECTED TO EACH OTHER IN AN ARTICULATED MANNER OR BELLOWS FOR AIR PASSENGER BOARDING STEPS OR AN AIR PASSENGER BOARDING BRIDGE

(51) International classification :B60D5/00
(31) Priority Document No :10 2011 110 873.8
(32) Priority Date :17/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/000683
Filing Date :04/07/2012
(87) International Publication No :WO 2013/023634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KOUKAL Claus Ekkehard
2)HBNER Reinhard

(57) Abstract :
The invention relates to a bellows for a communication passage between two vehicles connected to each other in an articulated manner or a bellows for air passenger boarding steps or an air passenger boarding bridge wherein the bellows comprises in the longitudinal direction thereof a plurality of bellows frames wherein the bellows comprises an at least single layer reinforcement that is coated on at least one side with an adhesive wherein the reinforcement has guides for the bellows frames wherein the coated reinforcement is under tensile stress at least between two bellows frames in the circumferential direction of the bellows.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2014

(21) Application No.1512/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROLLING BEARING COMPRISING AT LEAST ONE MULTI-PART RING, NOTABLY FOR A WIND TURBINE, AND ASSOCIATED MOUNTING METHOD

(51) International classification :F16C19/00
(31) Priority Document No :1352634
(32) Priority Date :25/03/2013
(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 :**
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1)CYRIL BOURON
2)JEAN-BAPTISTE MAGNY
3)PASCAL OVIZE

(57) Abstract :
The rolling bearing comprises an inner ring 14, an outer ring 16 and a plurality of rows of rolling elements 18, 20 each arranged between the raceways which are arranged on said rings, the number of rows of rolling elements Nr0Ws being in excess of or equal to two. At least one of the inner and outer rings 14, 16 comprises a plurality of part rings 30, 32, 34 which are mounted bearing axially against one another. The number of part rings Nrings is defined by Nrings Nr0ws + 1.

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

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

(21) Application No.1300/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EDIBLE COMPOSITION

(51) International classification :A23D7/005,A23G3/54,A23G3/34
(31) Priority Document No :11178411.2
(32) Priority Date :23/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/US2012/051071
Filing Date :16/08/2012
(87) International Publication No :WO 2013/028448
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BOUSSELET KILGER Fabienne
2)BOGUTH Guenther

(57) Abstract :
The present invention relates to an edible composition a method for making the same and edible items comprising the composition. The edible items can be used to produce yet more intricate edible products.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.1409/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE SIGNATURE GENERATION DEVICE SIGNATURE VERIFICATION DEVICE INFORMATION PROCESSING METHOD SIGNATURE GENERATION METHOD AND SIGNATURE VERIFICATION METHOD

(51) International classification :G09C1/00,H04L9/32
(31) Priority Document No :2011185943
(32) Priority Date :29/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068450
Filing Date :20/07/2012
(87) International Publication No :WO 2013/031420
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HIWATARI Harunaga
2)SAKUMOTO Koichi
3)SHIRAI Taizo

(57) Abstract :
Provided is an information processing apparatus including a message generation unit configured to generate a message based on a pair of quadratic multivariate polynomials F - (fi, ... fž,) defined in a ring K and expressed in a quadratic form and a vector s that is an element of a set K, a message supply unit configured to supply the message to a verifier storing the pair of quadratic multivariate polynomials F and vectors y = (yi, ..., ym) = (fi(s), ..., fm(s)), and a response supply unit configured to supply the verifier with response information corresponding to a verification pattern which the verifier selects from among k (where k £ 3) verification patterns.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.1465/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ILLUMINATION CONTROL SYSTEM ILLUMINATION CONTROL DEVICE AND ILLUMINATION CONTROL TERMINAL

(51) International classification :H05B37/02
(31) Priority Document No :2011182105
(32) Priority Date :24/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070171
Filing Date :08/08/2012
(87) International Publication No :WO 2013/027581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAKAMURA Toru
2)UEGAKI Yuriko
3)YAMAMOTO Matsuki
4)FUJIWARA Yuri

(57) Abstract :
An illumination control system comprises: an illumination control unit (13) which controls an illumination fixture (2); an instruction unit which supplies an instruction to the illumination control unit (13) for controlling the illumination fixture (2); and an interface unit (11) further comprising a display unit (21) which displays the instruction and a selection unit (22) which selects the instruction. The instruction represents the psychological state of a user. The interface unit (11) displays via the display unit (21) a psychological space of the user which corresponds to an illumination state which is implemented by the illumination fixture (2) displays the instruction at a coordinate location in the psychological space according to the psychological state which the instruction represents and selects the displayed instruction with the selection unit (22).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.1466/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR IDENTIFYING WEAK BUSES IN AN ELECTRICAL POWER SYSTEM

(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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3)GADIRAJU, KASI VISWANADHA RAJU
4)KANABAR, MITALKUMAR GULABRAI
5)ILIA, VOLOH

(57) Abstract :
In accordance with one embodiment, a method for determining one or more weak buses in an electrical power system is provided. The method includes computing voltage stability indices (VSIs) corresponding to a plurality of buses in the electrical power system as a function of phasor values associated with the plurality of buses and a reference phase angle corresponding to one of the plurality of buses. The phasor values include either (a) voltage magnitude (Vm) and phase angle (δm), both corresponding to the respective bus, or (b) change or a rate of change of the voltage magnitude (ΔVm), and change or a rate of change of the phase angle (Δδm), both corresponding to the respective bus. The method further includes identifying one or more weak buses from the plurality of buses in the electrical power system based on the computed VSIs.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2014

(21) Application No.1581/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SUSPENSION ARRANGEMENT AND GUIDE SHOE ARRANGEMENT FOR AN ELEVATOR

(51) International classification :B66B7/02,B66B7/06,B66B11/00
(31) Priority Document No :20115902
(32) Priority Date :15/09/2011
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2012/050809
Filing Date :24/08/2012
(87) International Publication No :WO 2013/038050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JUURIOKSA Martti
2)R„S„NEN Matti
3)MIKKONEN Janne

(57) Abstract :
The object of the invention is a suspension arrangement and guide shoe arrangement of an elevator which arrangement comprises at least an elevator car (1) configured to move up and down in an elevator hoistway (15) guided by guide rails (17) and at least two compensating weights (3a 3b) which are for their part connected to support the elevator car (1) by the aid of at least two suspension members (4a 4b) such as by the aid of ropes or belts and also by the aid of diverting pulleys (5a 5b) and a hoisting machine (9) provided with at least one traction sheave (8) or corresponding as well as at least two traction members (14a 14b) such as belts ropes or chains separate from the suspension members (4a 4b) which traction members are configured to transmit the rotational movement of the traction sheave (8) into movement of the elevator car (1) and of the compensating weights (3a 3b). There are at least four guide rails (17) of the elevator car (1) and they fitted into the elevator hoistway (15) symmetrically to each other in relation to the elevator car (1).

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

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

(21) Application No.1018/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NACELLE MAIN FRAME STRUCTURE AND DRIVE TRAIN ASSEMBLY FOR A WIND TURBINE

(51) International classification :F03D11/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/062154
Filing Date :15/07/2011
(87) International Publication No :WO 2013/010568
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)REMMERIE Wouter
2)SMOOK Warren

(57) Abstract :
The present invention provides a nacelle main frame structure and drive train assembly (10) for being mounted on a tower (2) of a wind turbine (1). The nacelle main frame structure and drive train assembly (10) comprises a nacelle main frame structure (3) and at least part of a drive train (4). According to embodiments of the invention the at least part of the drive train (4) comprises a first connection interface (11) with the nacelle main frame structure (3) at a rotor side (R) of the nacelle main frame structure and drive train assembly (10) and a second connection interface (13) with the nacelle main frame structure (3) the second connection interface (13) being axially displaced with respect to the first connection interface (11) as considered in a direction away from the rotor side (R).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1042/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM FOR COOLING POWER GENERATION SYSTEM

(51) International classification :H02K9/00
(31) Priority Document No :13/783662
(32) Priority Date :04/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VALLINAYAGAM, SADHASIVAM
2)PHUKAN, ATANU

(57) Abstract :
A power generation system is provided having a genset comprising an engine mechanically coupled to a generator. The genset is configured to generate electrical power. A ventilation system has a ventilation inlet and a ventilation outlet, and the ventilation system is configured for cooling at least one of the engine and the generator. Both the ventilation inlet and ventilation outlet have an adjustable shutter configured for adjusting a flow volume of a coolant medium through the ventilation system.

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

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

(21) Application No.1122/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A PROCESS FOR RECOVERING METALS AND AN ELECTROLYTIC APPARATUS FOR PERFORMING THE PROCESS

(51) International classification :C25C3/00,C01G1/06,C22B7/00
(31) Priority Document No :11006046
(32) Priority Date :19/08/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050884
Filing Date :17/08/2012
(87) International Publication No :WO 2013/028126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TENG Lidong
2)SEETHARAMAN Seshadri
3)SEETHARAMAN Sridhar

(57) Abstract :
A process for recovering at least one metal from a metal containing resource in particular containing at least one metal oxide. The process including the step: providing a crucible containing a chloride salt melt at least one cathode and an anode connected to the salt melt heating means for heating the salt melt and an aluminum melt present at the bottom of the crucible said aluminum melt forming a part of the anode.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2014

(21) Application No.1172/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYOLEFIN RESIN FOAM PARTICLES AND IN MOLD FOAMING MOLDED BODY OF SAME

(51) International classification :C08J9/18,C08J9/22
(31) Priority Document No :2011173633
(32) Priority Date :09/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070275
Filing Date :08/08/2012
(87) International Publication No :WO 2013/022049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KANEKA CORPORATION
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(72)**Name of Inventor :**
1)FUKUZAWA Jun

(57) Abstract :
In order to obtain a flame-retardant polyolefin resin expanding molded product which has excellent in-mold moldability and excellent surface appearance and satisfies the FMVSS flammability even if carbon black is added, polyolefin resin particles containing, with respect to 100 parts by weight of polyolefin resin, (i) 0.03 part by weight to 5 parts by weight of phosphorous flame retardant having a phosphorous content of 7% by weight or more, a melting point of 120°C or more, and a 5% by weight decomposition temperature within a range of 240°C to 320°C and (ii) 0.5 part by weight to 20 parts by weight of carbon black are expanded.

No. of Pages : 71 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1607/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FILTERING SOCIAL SEARCH RESULTS

(51) International classification :G06F7/00
(31) Priority Document No :13/204155
(32) Priority Date :05/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049194
Filing Date :01/08/2012
(87) International Publication No :WO 2013/022674
(61) Patent of Addition 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)KULICK Matthew E.
2)BURSEY Adam D.
3)HEYMANS Maureen

(57) Abstract :
This specification describes technologies relating to searching. In general aspects of the subject matter described in this specification can be embodied in methods that include the actions of receiving a search query from a user of a search service identifying search results including general search results responsive to the search query and social search results associated with content generated by one or more members of a user social graph associated with the user that are responsive to the search query the search results corresponding to digital content stored in one or more computer readable storage media determining that a first social search result is associated with a first muted member that is a member of the user social graph generating filtered search results in response to determining that the social search result is associated with the first muted member and providing the filtered search results for display to the user.

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

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

(21) Application No.1035/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESSING MINED MATERIAL

(51) International classification :B07C5/34,G01N22/00,G01N33/24
(31) Priority Document No :2011903095
(32) Priority Date :04/08/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000923
Filing Date :06/08/2012
(87) International Publication No :WO 2013/016774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KINGMAN Samuel
2)DIMITRAKIS Georgios
3)DODDS Christopher
4)WELLWOOD Grant Ashley

(57) Abstract :
An apparatus for processing mined material that includes an applicator assembly (2) is disclosed. The applicator assembly includes a plurality of applicators (12) for exposing a moving bed of fragments of mined material to electromagnetic radiation as the bed of fragments moves through the applicator assembly. The applicators are arranged so that in use there is a high level of assurance that all of the fragments in the moving bed will receive at least a minimum exposure to electromagnetic radiation by the time the fragments reach an outlet end (8) of the applicator assembly.

No. of Pages : 51 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2013

(21) Application No.1381/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPLICATION ACTIVITY SYSTEM

(51) International classification :G06F15/16,G06F17/00,G06Q50/00
(31) Priority Document No :61/366079
(32) Priority Date :20/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044718
Filing Date :20/07/2011
(87) International Publication No :WO 2012/012560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SACHSON Thomas Irving

(57) Abstract :
A data connection method for establishing a data connection between a bandwidth user on a network connected user device and a data source on a network connected target device over a communication network where the user s bandwidth consumption activities incur a bandwidth usage charge from the network operator providing the bandwidth connection may comprise providing a bandwidth access software application with a bandwidth access software application identification code associated with both the bandwidth access software application and the provider of such bandwidth access software application; allowing user access to at least one specified online data address to access target content hosted on at least one target content source determined by the provider of the bandwidth access software application; monitoring and recording the online access activity and providing to an application activity system registry server the end user device identification code application identification code and the recorded online access activity.

No. of Pages : 84 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2013

(21) Application No.1554/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MICE THAT MAKE BINDING PROTEINS COMPRISING VL DOMAINS

(51) International classification	:C12N15/85,A01K67/027,C07K16/00
(31) Priority Document No	:61/369909
(32) Priority Date	:02/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/046196 :02/08/2011
(87) International Publication No	:WO 2012/018764
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)MACDONALD Lynn
2)STEVENS Sean
3)GURER Cagan
4)HOSIAWA Karolina A.
5)MURPHY Andrew J.

(57) Abstract :
Genetically modified mice and methods for making an using them are provided wherein the mice comprise a replacement of all or substantially all immunoglobulin heavy chain V gene segments D gene segments and J gene segments with at least one light chain V gene segment and at least one light chain J gene segment. Mice that make binding proteins that comprise a light chain variable domain operably linked to a heavy chain constant region are provided. Binding proteins that contain an immunoglobulin light chain variable domain including a somatically hypermutated light chain variable domain fused with a heavy chain constant region are provided. Modified cells embryos and mice that encode sequences for making the binding proteins are provided.

No. of Pages : 86 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1611/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOUNDS USEFUL AS INHIBITORS OF CHOLINE KINASE

(51) International classification :C07D453/02,A61K31/439,A61P35/00
(31) Priority Document No :61/537907
(32) Priority Date :22/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056476
Filing Date :21/09/2012
(87) International Publication No :WO 2013/043961
(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)RUTHERFORD Alistair
4)KNEGTEL Ronald

(57) Abstract :
The present invention relates to compounds useful as inhibitors of choline kinase. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease conditions or disorders. The invention also provides processes for preparing compounds of the inventions.

No. of Pages : 114 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1612/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOUNDS USEFUL AS INHIBITORS OF CHOLINE KINASE

(51) International classification :C07D453/00,A61K31/496,A61P7/00
(31) Priority Document No :61/537916
(32) Priority Date :22/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056474
Filing Date :21/09/2012
(87) International Publication No :WO 2013/043960
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The present invention relates to compounds useful as inhibitors of choline kinase. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease conditions or disorders. The invention also provides processes for preparing compounds of the inventions.

No. of Pages : 70 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1202/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR INSTALLING A BLADE INSERT BETWEEN SEPARATE PORTIONS OF A WIND TURBINE ROTOR BL

(51) International classification :F03D1/00
(31) Priority Document No :13/803176
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BUSBEY, BRUCE CLARK
2)PAYANT, JAMES ALPHONSE
3)ANDERSON, ROBERT ROY

(57) Abstract :
A system for installing a blade insert between a root portion and a tip portion of a rotor blade of a wind turbine is disclosed. The system may include a root cradle assembly configured to support the root portion of the rotor blade and a tip cradle assembly configured to support the tip portion of the rotor blade. At least one of the tip cradle assembly or the root cradle assembly may be movable relative to the other of the tip cradle assembly or the root cradle assembly to allow the tip portion to be spaced apart from the root portion after the rotor blade has been divided between the root and tip portions. In addition, the system may include an insert cradle assembly configured to support a blade insert for the rotor blade. The insert cradle assembly may be configured to be positioned between the root cradle assembly and the tip cradle assembly so as to position the blade insert between the root portion and the tip portion.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1203/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF FORMING A GRID DEFINING A FIRST RELATIVE REFERENCE FRAME

(51) International classification :H02J3/00
(31) Priority Document No :13/795002
(32) Priority Date :12/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PAGE, JERRY LYNNE

(57) Abstract :
A method (100) of projecting into space, from a first object, a plurality of modulated lines to form a grid defining a first relative reference frame, the method (100) includes simultaneously projecting into space from the first object a horizontal grid line and a vertical grid line to form a set of grid lines (102), modulating the horizontal grid line and the vertical grid line to carry first and second grid words, respectively (104 and 106).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2014

(21) Application No.1656/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR JOINING SHEET BAR DURING CONTINUOUS HOT ROLLING

(51) International classification :B21B15/00,B21B1/26,B23K13/01
(31) Priority Document No :2011218949
(32) Priority Date :03/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006282
Filing Date :01/10/2012
(87) International Publication No :WO 2013/051232
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MORI Kazuya

(57) Abstract :
Provided is a method for joining a sheet bar capable of substantially reducing the frequency of a sheet bar breaking during hot continuous rolling. A method for joining a sheet bar in which the tail end of a preceding sheet bar and the distal end of a succeeding sheet bar are clamped at the entry side of a hot finishing rolling machine induction heating is performed while upsetting is started and after the target upsetting amount is reached the clamp is opened wherein the hold time after upsetting which is the time from after the target upsetting amount is reached until the clamp is opened is made to be 25% to 60% of the joining total time which is the time from the start of upsetting until the clamp is opened.

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2014

(21) Application No.1657/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PACKAGING MATERIAL PACKAGE AND PACKAGING BLANK

(51) International classification :B65D5/42,B65D65/18,B65D85/60
(31) Priority Document No :1116277.3
(32) Priority Date :21/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2012/055039
Filing Date :21/09/2012
(87) International Publication No :WO 2013/042087
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)POITEVIN Patrick

(57) Abstract :
A packaging material comprising an image having angle dependent viewing properties. The packaging material is in the form of a flexible sheet which may be wrapped around a product to be packaged. By suitable arrangement of the image on the packaging material a package and selection of appropriate image properties a package can be produced that has a visually striking appearance.

No. of Pages : 28 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2014

(21) Application No.1713/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INSULATED CONCRETE FORM AND METHOD OF USING SAME

(51) International classification :E04G17/06
(31) Priority Document No :13/247133
(32) Priority Date :28/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056811
Filing Date :24/09/2012
(87) International Publication No :WO 2013/048921
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CIUPERCA Romeo Ilarian

(57) Abstract :
The invention comprises connector for a pair of opposed spaced concrete forming panels. The connector comprises an elongate spacer member having flanges formed thereon intermediate a central portion thereof and each opposite end thereof. A portion of at least one end of the spacer member is sized and shaped to selectively engage an elongate panel bracing member. A composite insulated concrete form and a method of using the insulated concrete form are also disclosed.

No. of Pages : 97 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1342/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROTARY ELECTRIC EQUIPMENT INTEGRATED WITH CONTROL DEVICE AND METHOD FOR ASSEMBLY AND DISASSEMBLY THEREOF

(51) International classification :H02K5/04,H02K5/14,H02K13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/068043
Filing Date :08/08/2011
(87) International Publication No :WO 2013/021444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)UTSUMI Yoshinobu
2)FUJITA Masahiko

(57) Abstract :
According to an item of rotary electric equipment integrated with a control device of the present invention a control unit assembly (A) is disposed at a rearmost side a brush unit assembly (C) is disposed at a front most side and a power unit assembly (B) is disposed between the control unit assembly and the brush unit assembly when a rear bracket (5) is assembled to constitute a rear side semi finished product assembly (D) in which the rear bracket the control unit assembly the power unit assembly and the brush unit assembly are integrated as a single unit and a front side semi finished product assembly (E) formed of a rotary electric equipment main body (1) and a front bracket (4) is assembled with the rear side semi finished product assembly (D). A series of brush restriction pin insertion holes (24) are disposed from a rear side cross section of the control unit assembly to a brush and assemblability is improved as the assembly operation is not hindered by the brush projecting toward a rotation shaft from a brush holder.

No. of Pages : 79 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1623/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GAS ADSORBING SEPARATION EQUIPMENT

(51) International classification :B01D53/04
(31) Priority Document No :2011188475
(32) Priority Date :31/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/072175
Filing Date :31/08/2012
(87) International Publication No :WO 2013/031955
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SAIMA Hitoshi
2)MOGI Yasuhiro
3)HARAOKA Takashi
4)MIYAKE Masanori
5)TAKATA Yoshinori

(57) Abstract :
A gas adsorption separation apparatus includes a plurality of adsorption vessels through which a gas mixture is passed to be brought into contact with an adsorbent to adsorb at least one gas component in the gas mixture, the plurality of adsorption vessels performing, by turns, an adsorption step and a desorption step, or an adsorption step, a rinsing step and a desorption step, wherein each adsorption vessel has a vertical cylindrical shape, the interior of each adsorption vessel is divided into five regions in parallel in a horizontal direction, and of these regions, a central region constitutes a gas inflow region A, regions adjacent to the gas inflow region A on opposite sides thereof constitute gas adsorption regions Bi and B2, and outermost regions adjacent to the respective gas adsorption regions Bi and B2 constitute off-gas outflow regions Ci and C2.

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1625/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ENCODING METHOD AND DECODING METHOD

(51) International classification :H04N7/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/073852
Filing Date :17/10/2011
(87) International Publication No :WO 2013/057783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TANIZAWA Akiyuki
2)CHUJOH Takeshi

(57) Abstract :
An encoding method according to an embodiment includes an index setting step, a prediction step, and an encoding step. The index setting step sets an index that represents information of a reference image and a weighting factor. The prediction step predicts so that a reference value of the weighting factor when a pixel value change between at least one reference image and a target image to be encoded is a specific reference or less is derived as a predicted value. The encoding step encodes a difference value between the weighting factor and the predicted value.

No. of Pages : 93 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1789/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRODUCTION METHOD FOR ZINC ELECTROPLATED STEEL SHEET

(51) International classification :C25D3/22,C25D5/26
(31) Priority Document No :2011219719
(32) Priority Date :04/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006372
Filing Date :04/10/2012
(87) International Publication No :WO 2013/051268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TSUCHIMOTO Kazuaki
3)MATSUZAKI Akira

(57) Abstract :
A method for manufacturing an electrogalvanized steel sheet exhibiting a high degree of whiteness, where reduction in the current efficiency is suppressed, is provided. Electrogalvanization is performed in an electrogalvanization bath containing less than 0.01 mass ppm in total of at least one organic compound having a 2-benzothiazolylthio group. Thereafter, electrogalvanization is performed in an electrogalvanization bath containing 0.01 to 3 mass ppm in total of at least one organic compound having a 2-benzothiazolylthio group in such a way that the amount of deposition of zinc becomes 1 to 50% of the whole coating layer.

No. of Pages : 25 No. of Claims : 2

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

(21) Application No.1017/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VIBRATORY METER AND METHOD FOR DETERMINING RESONANT FREQUENCY

(51) International classification :G01F1/84
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/043861
Filing Date :13/07/2011
(87) International Publication No :WO 2013/009307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KRAVITZ Andrew S.

(57) Abstract :
A vibratory meter (5) is provided including one or more flow conduits (103) one or more pickoff sensors (105 105) and a driver (104). Meter electronics (20) is configured to vibrate the one or more flow conduits (103) using a drive signal including an initial vibration frequency and to receive a pickoff sensor signal from the one or more pickoff sensors (105 105) in response iteratively offset a phase difference between the drive signal and the pickoff sensor signal by a predetermined phase increment and measure a resulting vibrational frequency and amplitude with the offsetting operatively sweeping the vibration frequency over a predetermined vibration frequency range and therefore generating a plurality of vibration amplitudes and a corresponding plurality of vibration frequencies and determine a substantially maximum amplitude response in the plurality of vibration amplitudes and designate the corresponding vibration frequency as comprising the resonant frequency.

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

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

(21) Application No.1047/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONTAMINATION INSPECTION FOR THE WINDOW OF A MEASURING DEVICE

(51) International classification :G01N21/15,G01N21/86
(31) Priority Document No :10 2011 116 487.5
(32) Priority Date :20/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/004344
Filing Date :17/10/2012
(87) International Publication No :WO 2013/056826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SACQUARD David
2)SU Shanchuan

(57) Abstract :
The invention relates to a method for inspecting for contamination the windows of a measuring device for the inspection of sheet type materials said device comprising at least two sensor rows aligned transversely to a sheet type material conveyor direction. Each of the sensor rows detects the light emanating from the sheet type material in a specific spectral channel. In order to inspect the window for the presence of contamination the sensor rows detect the light at a plurality of detection time points when no sheet type material is present within the sensor row sensing range. According to the invention at least two of the spectral channels are combined together and the variation of the intensities of the combined spectral channel over time is evaluated in order to inspect for contamination. A low variation in the intensity of the combined spectral channel over time serves as an indicator that contamination is present on the window.

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

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

(21) Application No.1048/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYURETHANE POLYUREA RESIN COMPOSITION BINDER FOR PRINTING INKS AND PRINTING INK

(51) International classification :C08L75/00,C08K5/053,C09D11/10
(31) Priority Document No :2011182560
(32) Priority Date :24/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065954
Filing Date :22/06/2012
(87) International Publication No :WO 2013/027481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NAKAI Takashi
2)MIOKAWA Masazumi

(57) Abstract :
Provided are: a polyurethane polyurea resin composition which is free from viscosity decrease over time or occurrence of turbidity and has excellent storage stability; and a printing ink which is free from viscosity decrease over time or coloring and has excellent storage stability. This polyurethane polyurea resin composition is characterized by containing as essential ingredients a polyurethane polyurea resin (A) a polyhydroxy monocarboxylic acid (B) that has an acid value within the range of 340 500 mgKOH/g and a hydroxyl number within the range of 680 1 300 mgKOH/g and one or more solvents selected from the group consisting of ester based solvents (C1) and alcohol based solvents (C2).

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1791/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMPROVED METHOD FOR THE AUTOMATED DISCHARGE OF CONDENSATE FROM A PRESSURIZED GAS SYSTEM

(51) International classification :F16T1/48,F04B39/16
(31) Priority Document No :10 2011 053 410.5
(32) Priority Date :08/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/067487
Filing Date :07/09/2012
(87) International Publication No :WO 2013/034673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEKO TECHNOLOGIES GMBH
Address of Applicant :Im Taubental 7 41468 Neuss Germany
(72)**Name of Inventor :**
1)FELTGEN Martin

(57) Abstract :
The invention relates to a method for the automated discharge of condensate from a pressurized gas system by means of a condensate drainage means, wherein the condensate drainage means has a collecting region for the condensate, a sensor for detecting condensate in the collecting region, and an actuable drainage valve for the discharge of the condensate from the collecting region, wherein the method has, in chronological, repeating sequence: a collecting step (SI, S2, S3, S4) in which condensate is collected over a predefined collecting duration; a detection step (Dl, D2, D3, D4) which at least terminates the collecting step (SI, S2, S3, S4) and which serves for the detection of condensate in the collecting region by means of the sensor; a discharge step (Al, A2, A4) in which, over a predefined discharge duration, condensate is discharged if condensate is detected in the collecting region in the detection step; characterized in that, in the event of condensate being detected for the first time or at the latest repeatedly in the detection step (Dl, D2, D3, D4), the collecting duration of at least one of the subsequent collecting steps, preferably of the next collecting step, is shortened and/or the discharge duration of at least one of the following discharge steps, preferably of the next discharge step, is lengthened in terms of time and/or a degree of opening of the drainage valve in at least one of the following discharge steps, preferably of the next discharge step, is increased, and in that, in the event of no condensate being detected in the collecting region for the first time or repeatedly, the collecting duration of at least one of the following collecting steps, preferably of the next collecting step, is lengthened and/or the discharge duration of at least one of the following discharge steps, preferably of the next discharge step, is shortened in terms of time and/or a degree of opening of the drainage valve in at least one of the following discharge steps, preferably of the next discharge step, is decreased

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1174/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR STATISTICALLY DETERMINING BIAS IN ONLINE SURVEY RESULTS

(51) International classification :G06Q30/00
(31) Priority Document No :13/831,455
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SANKARAN AYYAPPAN
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3)KAUSHIK VIJAY

(57) Abstract :
A system, method, and computer program determine bias in survey results due to non-responsive and/or erroneous survey response data, assess the impact of bias introduced by non-responsive and/or erroneous survey data on the survey results, and analyze the survey results accordingly to provide a more accurate assessment of the impressions of viewers of content (e.g., advertisements) viewed by the persons being surveyed. The analysis allows an advertiser to modify an advertisement to better promote a product or service and enable the advertiser to increase the probability of success of an advertising campaign and the cost-effectiveness of the campaign.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1175/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOBILE DISPLAY DEVICE WITH FLIP-SCREEN FUNCTIONALYY

(51) International classification :G06Q30/00
(31) Priority Document No :13/844,401
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DOSER ANDREW

(57) Abstract :
A method includes displaying a front slate advertisement on a screen of a mobile display device. If a flip-screen command is detected, an animation is displayed on the screen which flips the front slate advertisement to the back slate advertisement. Optionally, a flip-screen command detected while in the back slate advertisement will cause an animation to be displayed on the screen which flips the back slate advertisement back to the front slate advertisement.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014

(21) Application No.1281/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FAN SHROUD AND MOTOR ASSEMBLY COMPRISED THEREOF

(51) International classification :F04D29/00
(31) Priority Document No :13/832616
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FRIED, JOSHUA ZACHARY
2)STEHULAK, GREGORY MICHAEL

(57) Abstract :
This disclosure proposes designs for a fan shroud that dissipates thermal energy from a motor using a single, externally-powered fan design. Examples of the proposed fan shroud allow the cooling fluid to achieve maximum velocity at a position at which the fan shroud exposes the flow to cooler ambient air that surrounds the fan shroud/motor assembly. In this configuration, the high-velocity cooling fluid draws the cooler ambient air towards the surface of the motor, which, in turn, increases the thermal capacity of the moving cooling fluid to dissipate more thermal energy from the motor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014

(21) Application No.1282/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF HYBRID MESSAGE PASSING WITH SHARED MEMORY

(51) International classification :G06F1/00
(31) Priority Document No :13/849716
(32) Priority Date :25/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KUCZYNSKI, KONRAD ROBERT

(57) Abstract :
A method of communicating data between at least two coprocessors (10) in a single computing environment wherein one of the coprocessors is a transmitting processor and the other of the coprocessors is a receiving processor and the single computing environment includes a memory accessible by the coprocessors includes, among other things, determining in the transmitting processor the size of data to be communicated (14), attaching the data to a message (15) and transmitting the message to the receiving processor (30) if the size of the data is below or equal to a predetermined threshold value (36), and transmitting to the receiving processor a pointer that points to a location of the data in the memory (24, 30) if the size of the data is above the predetermined threshold value (34).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1790/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SEAL ARRANGEMENT AND DAMPER ELEMENT

(51) International classification :F16J15/32,B62K25/08,F16F9/36
(31) Priority Document No :10 2011 080 748.9
(32) Priority Date :10/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/065719
Filing Date :10/08/2012
(87) International Publication No :WO 2013/021050
(61) Patent of Addition 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)PASINO Roberto

(57) Abstract :
An embodiment of a seal arrangement (200) for sealing off a cylindrical component against a tube (210) comprises an annular reinforcement structure (230), which is designed to be connectable to the tube (210), and an elastomer structure (280) with a central opening (290), wherein the elastomer structure (280) is me¬chanically connected to the reinforcement structure (230) such that the cylindrical component can extend through the central opening (290). The elastomer structure (280) has, at the central opening (290), a first (300) and a second sealing lip (310), wherein the first sealing lip (300) is designed to prevent an ingress of liquid or solid particles, for example dust or dirt particles, through the central opening (290) along the cylindrical component into the interior (290) of the tube (210), and wherein the second sealing lip (310) is designed to prevent a liquid or gaseous medium from es¬caping along the cylindrical component and/or to scrape a liquid medium, for ex¬ample an oil, off the cylindrical component.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1792/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FILL LEVEL MONITORING

(51) International classification :G01F23/26,G01N9/36,G01N27/22
(31) Priority Document No :10 2011 053 407.5
(32) Priority Date :08/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/065909
Filing Date :14/08/2012
(87) International Publication No :WO 2013/034412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FELTGEN Martin
2)SINSTEDTEN Johannes

(57) Abstract :
A method for controlling the fill level of a collecting vessel is proposed, wherein the collecting vessel is capable of being filled with a dielectric medium. A fill level is monitored by means of a monitoring circuit with a measuring capacitor, the capacity of which changes steadily in correlation with the fill level, at least beyond a fill level range of the collecting vessel. The method comprises the following steps: determining a capacity of the measuring capacitor; determining the quality of the measuring capacitor; determining a permittivity of the dielectric medium on the basis of the quality of the measuring capacitor; determining a fill level of the collecting vessel on the basis of the determined capacity of the measuring capacitor and the permittivity of the dielectric medium; fill level-dependent drainage of the dielectric medium from the collecting vessel

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2014

(21) Application No.1793/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONDENSATE DRAINAGE MEANS WITH FAULT MONITORING

(51) International classification :F16T1/48
(31) Priority Document No :10 2011 053 411.3
(32) Priority Date :08/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/067488
Filing Date :07/09/2012
(87) International Publication No :WO 2013/034674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHLENSKER Herbert

(57) Abstract :
The invention relates to a method for fault monitoring of a discharge valve (16) of a condensate drainage means (1) of a pressurized gas system, wherein the condensate drainage means (1) has a discharge valve (16), which discharge valve has a valve element (19) which can be actuated by a control circuit (15) and which can be moved between a closed position and an open position and which serves, in the open position thereof, to discharge pressurized condensate from the pressurized gas system via a discharge region (18), arranged downstream of the valve element (19), of the condensate drainage means and, in the closed position thereof, to maintain the pressure in the pressurized gas system, wherein the method has: a closing step, in which the control circuit (15) triggers a closing movement of the valve element (19) in the direction of the closed position, and/or an opening step, in which the control circuit (15) triggers an opening movement of the valve element (19) in the direction of the open position; and a respectively subsequent step for monitoring the closed position or open position of the valve element (19). The method according to the invention is characterized in that, in the step for monitoring the closed position, a non-closed position is detected on the basis of a discharge flow of the pressurized gas, of the condensate or of mixtures thereof in the discharge region (18) or at the valve element (19), or in the step for monitoring the open position, a discharge flow of the pressurized gas, of the condensate or of mixtures thereof in the discharge region (18) or at the valve element (19) is detected

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014

(21) Application No.1964/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INCREMENTAL DOWNLOAD FRAMEWORK

(51) International classification :G06F17/30,G06F19/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IN2011/000634
Filing Date :14/09/2011
(87) International Publication No :WO 2013/038419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KUNJUMPIDUKKAL Sachindran
3)MATAI Puneet
4)JADHAV Ashutosh

(57) Abstract :
Computer implemented systems methods and computer readable media for incremental downloads include: receiving a download specification file identifying a plurality of fields in a plurality of tables of a change data dataset to download a relationship between the plurality of tables and parameters for a download file; extracting the change data identified in the download specification file from the plurality of tables in the change data dataset to an intermediate table; storing the plurality of fields from the plurality of tables in the intermediate table; and generating a download file including the change data identified in the download specification file formatted and sequenced according to the set of parameters for the download file.

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

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

(21) Application No.1008/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND PROGRAM FOR CONTROLLING LIQUID CHROMATOGRAPH

(51) International classification :G01N30/34,G01N30/24
(31) Priority Document No :2011157130
(32) Priority Date :15/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/066583
Filing Date :28/06/2012
(87) International Publication No :WO 2013/011818
(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)TERADA Hidetoshi

(57) Abstract :
A control device for a liquid chromatograph controls the operation of a liquid chromatograph having the gradient analysis function of using a mobile phase formed by mixing a plurality of solvents performing a chromatograph analysis while temporally changing the mixing ratio of the solvents. The control device causes a user to first set a basic gradient profile (step S12) and then set the number of stages in which the mixing ratio of the mobile phase at the start and/or end of a gradient is changed and the amount of change of the mixing ratio in each stage (step S13) and thereafter on the basis of combinations of the mixing ratios of the mobile phase at the start and end of the gradient acquired from the input contents creates a plurality of kinds of gradient profiles corresponding to the respective combinations (step S14).

No. of Pages : 30 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.1380/CHENP/2014 A
(43) Publication Date : 10/10/2014

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

(51) International classification :H04W72/04,H04W74/08
(31) Priority Document No :2011191573
(32) Priority Date :02/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065979
Filing Date :22/06/2012
(87) International Publication No :WO 2013/031351
(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 is provided a communication apparatus including a resource selection unit that selects a communication resource to transmit a preamble in random access. The resource selection unit selects the communication resource corresponding to a value of transmission data.

No. of Pages : 71 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.1604/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HEAVY DUTY VEHICLE AXLE TO BEAM CONNECTION

(51) International classification :B60B35/00
(31) Priority Document No :61/388276
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053943
Filing Date :29/09/2011
(87) International Publication No :WO 2012/044802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WESTNEDGE Andrew
2)RUBALSKIY Dmitriy
3)KEELER Michael
4)PIERCE Phillippi

(57) Abstract :
An axle to beam connection for a vehicle axle/suspension system includes an axle having at least one depression formed therein. A sleeve is formed with at least one depression and disposed about the axle so that the axle depression and the sleeve depression matingly engage one another to form a mated pair of depressions. A method of forming the axle to beam connection includes providing an axle and disposing a sleeve about the axle. At least one mated pair of depressions is simultaneously formed in the axle and the sleeve. The sleeve is immovably mounted to a vehicle axle/suspension system.

No. of Pages : 71 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014

(21) Application No.1938/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE DECODING APPARATUS

(51) International classification :H04N7/34
(31) Priority Document No :1020110108452
(32) Priority Date :24/10/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/003082
Filing Date :20/04/2012
(87) International Publication No :WO 2013/062196
(61) Patent of Addition 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)PARK Shin Ji

(57) Abstract :
A method for encoding an intra prediction mode according to the present invention selects an intra prediction mode for a current block determines the number of valid MPM candidates by checking the validity of MPM candidates of the current block and if the number of valid MPM candidates is less than a previously set number adds additional intra prediction modes as MPM candidates. MPM candidates can be adaptively added on the basis of the directionality of valid MPM candidates. Additionally during the encoding of residual intra prediction modes residual intra prediction modes are realigned on the basis of the directionality of valid MPM candidates. Accordingly the present invention allows the information for encoding the intra prediction mode of the current block to be minimized by adding MPM candidates or realigning the residual intra prediction modes on the basis of the directionality of valid MPM candidates.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2052/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ENVIRONMENTAL INFORMATION MEASUREMENT DEVICE ENVIRONMENTAL INFORMATION MEASUREMENT SYSTEM AND ENVIRONMENTAL INFORMATION MEASUREMENT METHOD

(51) International classification	:G01D21/00,G01K1/02,G08C15/00
(31) Priority Document No	:2010208452
(32) Priority Date	:16/09/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/071099 :15/09/2011
(87) International Publication No	:WO 2012/036234
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)WAKI Hiroshi
2)IGARASHI Hajime
3)WATANABE Kota
4)MAKIMURA Hidetoshi

(57) Abstract :
This environmental information measurement device is provided with a power source unit an environmental information detection unit a timer unit and a control unit. From received radio waves the power source unit generates a power source voltage supplied to a load. The load contains the environmental information detection unit timer unit and control unit. The environmental information detection unit has a detection unit provided with a circuit element of which the impedance or capacitance varies in accordance with a physical quantity detected in the environment of a locus for measurement and outputs a signal that varies in accordance with the response characteristics of the detection unit. The timer unit measures the time from the start of measurement until the voltage of the output signal reaches a predetermined detection voltage and on the basis of said time generates environmental information in accordance with the physical quantity. The control unit controls the operation of the environmental information detection unit.

No. of Pages : 68 No. of Claims : 11

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

(21) Application No.1128/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AQUEOUS COMPOSITIONS COMPRISING ARBEKACIN

(51) International classification	:A61K9/08,A61K31/7036,A61P31/04
(31) Priority Document No	:11180927.3
(32) Priority Date	:12/09/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/065265 :03/08/2012
(87) International Publication No	:WO 2013/037566
(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)TANAKA Masashi
3)SUGANO Toshie
4)SHOJI Kuniko
5)SANO Nao
6)KELLER Manfred
7)HAHN Michael
8)EGLE Roman

(57) Abstract :
The invention provides aqueous liquid pharmaceutical compositions comprising arbekacin and chloride ions. The compositions are well tolerable for use in a method for treatment or prevention of a disease of the upper or lower respiratory tract wherein the composition is aerosolized and inhaled by the patient. Furthermore the invention provides arbekacin hydrochloride.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2014

(21) Application No.1285/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEMS AND METHODS FOR INTELLIGENT ELECTRONIC DEVICES

(51) International classification :H04W
(31) Priority Document No :13/836962
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PILON, MICHAEL SHANE
2)THANOS, DANIEL
3)CIORACA, ANCA LUCIA
4)PRONIN, EVGENY

(57) Abstract :
The embodiments described herein provide a system including an intelligent electronic device (IED) comprising a first processor configured to communicate control commands to power equipment, receive measurements from the power equipment, use a secure wireless system to send data to an access point, wherein the data includes the measurements, and use the secure system to communicate with a management device, via the access point, to receive configuration information, command information, or any combination thereof.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1622/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RUBBER COMPOSITION FOR TIRES AND PNEUMATIC TIRE

(51) International classification :C08L15/00,B60C1/00,C08C19/40
(31) Priority Document No :2011228204
(32) Priority Date :17/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/076649
Filing Date :16/10/2012
(87) International Publication No :WO 2013/058219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ISHINO Soh

(57) Abstract :: a rubber composition for tires capable of improving fuel economy, wet grip performance, and abrasion resistance; and a pneumatic tire including the same. Included is a rubber composition for tires including: a diene polymer; silica; and a liquid resin having a softening point of -20 to 20°C, the diene polymer being a modified diene polymer obtained by reacting components (A) and (B), the liquid resin being present in an amount of 3-40 parts by mass per 100 parts by mass of the rubber component, the component (A) being an active alkali metal-terminated conjugated diene polymer obtained by polymerizing a conjugated diene monomer alone or with an aromatic vinyl monomer, in the presence of a component (C) , the component (B) being a modifier containing a functional group, the component (C) being a chemical species obtained by reacting an organic alkali metal compound and a compound of Formula (1) below.

No. of Pages : 55 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2063/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING INFORMATION RELATED TO A DRUG RESERVOIR USING AN ELECTRONIC SENSOR

(51) International classification	:A61M5/24,A61M15/00,A61M16/00
(31) Priority Document No	:61/375082
(32) Priority Date	:19/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2011/064166 :17/08/2011
(87) International Publication No	:WO 2012/022771
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)YATES Barry
3)AVERY Richard James Vincent
4)MOORE David

(57) Abstract :
A method and system for detecting information related to a drug reservoir. A medical delivery device (100 200 400 500 700 1000 1100 1300) may include at least one electronic sensor (204 204a c 502 1002 1106a c) and a decoding module (300). The at least one electronic sensor (204 204a c 502 1002 1106a c) and the decoding module (300) are configured to (i) identify a coding feature (206 408 508 800 1006 1010 1014 1102) of a drug reservoir (120 202 406 506 900 1004 1104 306) inserted in the medical delivery device (100 200 400 500 700 1000 1100 300) and (ii) determine information related to the drug reservoir (120 202 406 506 900 1004 1104 1306) based on the identified coding feature (206 408 508 800 1006 1010 1014 1102).

No. of Pages : 52 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.2063/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POWER CHAIN ON A CIRCUIT BOARD

(51) International classification :H05K1/02,H01B5/02,H02G5/00
(31) Priority Document No :12300869
(32) Priority Date :29/08/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/050961
Filing Date :10/08/2013
(87) International Publication No :WO 2014/035314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BERGLUND Jan

(57) Abstract :
A power chain(1) consisting of a chain comprising links that are electrically conductive elements(2 8 9 10 11 12) mounted on a circuit board(3) in at least two layers and in such a way that the elements included in the power chain are assembled shifted and overlapping and in electrical contact with each other

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013

(21) Application No.1795/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HUMANIZED EGFR ANTIBODIES

(51) International classification :C07K16/28,C07K16/46,A61P35/00
(31) Priority Document No :PCT/EP2010/004880
(32) Priority Date :10/08/2010
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2011/063781
Filing Date :10/08/2011
(87) International Publication No :WO 2012/020059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GOLETZ Steffen
2)DANIELCZYK Antje

(57) Abstract :
The present invention pertains to humanized anti EGFR antibodies having antigen binding properties similar to those of the murine or chimeric anti EGFR antibody from which they are derived. In particular the present invention is directed to humanized anti EGFR antibodies which are useful in the treatment of cancer.

No. of Pages : 76 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1849/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PLUG CONNECTOR

(51) International classification :H01R13/56,H01R13/58
(31) Priority Document No :11182003.1
(32) Priority Date :20/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/067942
Filing Date :13/09/2012
(87) International Publication No :WO 2013/041439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MULTI HOLDING AG
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(72)**Name of Inventor :**
1)UEBERSCHLAG Peter

(57) Abstract :
A detachable plug connector in particular a multiple plug connector comprising a plug side (1) having an insulating plug housing (10) and having a plug element (2) embedded in the plug housing (10) comprising a pin segment (20) and a contact segment (21) for the electrically conductive connection to an external element in particular a cable and a socket side (3) having an insulating socket housing (30) and having a socket element (4) embedded in the socket housing (3) having a socket segment (40) and a contact segment (41) for an electrically conductive connection to an external element in particular a cable (9) wherein the plug housing (10) can be plugged together with the socket housing (30) in a plug direction (S) and whereby the pin segments (20) of the plug elements (2) protrude into the socket segments (40) of the socket elements (4) in a contacting region (K1 K2) in the plugged state so that an electrical contact can be conveyed between the socket side (3) and the plug side (1) via the socket segment (40) and the pin segment (20) wherein a multitude of socket housings (30) are arranged next to one another wherein at least one physical protective element (5) is arranged in the socket housing (30) and in the plug housing (10) per pairing of plug element (2) and socket element (4) wherein the physical protective element (5) protects the corresponding pair of plug element (2) and socket element (4) from external influences.

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2026/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ONE PIECE REAR BACK

(51) International classification :B60N2/68
(31) Priority Document No :61/375204
(32) Priority Date :19/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048479
Filing Date :19/08/2011
(87) International Publication No :WO 2012/024622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PETROVICH Miodrag
3)CIGUT Dean

(57) Abstract :
A vehicle seat and more specifically a back panel for second and third row seats wherein the panel is formed out of a single stamped sheet having a raised geometric pattern providing structural support and integral headrest locators and supports. An exemplary vehicle seat back may comprises: at least one structural member having a back surface including a base plane and bounded by an outer perimeter and wherein said back surface includes a raised pattern extending from said base plane and wherein said raised pattern includes an outer perimeter rib proximate to said outer perimeter and a plurality of ribs extending across said back surface and bounded by said outer perimeter rib.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.2146/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RETORT CONTAINER WITH THERMALLY FUSED DOUBLE SEAMED OR CRIMP SEAMED METAL END

(51) International classification :B65D8/20,B65D8/22
(31) Priority Document No :13/224651
(32) Priority Date :02/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053062
Filing Date :30/08/2012
(87) International Publication No :WO 2013/033343
(61) Patent of Addition 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)PRICE Trevor
2)MORIN Jeremy

(57) Abstract :
A retort container includes a metal end (30) applied and sealed to an all thermoplastic container body (22) by a crimp seaming or double seaming operation. The metal end has an outer curl (36) joined to a chuck wall (38) that extends down from the curl. One or both of the inner surface of the container side wall (24) and the outer surface of the chuck wall has/have a heat sealable material (44) thereon. The metal end is crimp seamed or double seamed to the container body and the heat sealable material(s) are heated to soften or melt such that the interface between the chuck wall and the side wall is fused. The interface is oriented along a direction relative to internal pressure exerted on the metal end such that stress on the interface caused by the internal pressure is predominantly shear stress.

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

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

(21) Application No.10334/CHENP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RATE SENSOR WITH QUADRATURE REJECTION

(51) International classification :G01C19/5677,G01C19/5776
(31) Priority Document No :1008195.8
(32) Priority Date :17/05/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000728
Filing Date :13/05/2011
(87) International Publication No :WO 2011/144890
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TOWNSEND Kevin
2)DURSTON Michael

(57) Abstract :
An inertial sensor is described that has means for improving quadrature rejection The sensor is of a ring type driven by a driver circuit the sensor further comprising primary and secondary portions having corresponding signal pickoffs. The primary pickoff signal amplitude is controlled via an automatic gain control the primary phase lock loop and VCO locks to the resonant frequency to provide the clocks for the synchronous detectors the primary pickoff signals via the primary phase shift circuit is provided to the primary driver the secondary pickoff signal being input into a detector circuit capable of detecting motion in the sensor. The secondary channel comprises a series of circuits that when operable in series significantly improve the quadrature rejection ability of the sensor. The circuits include a synchronous detector passive and active filters and a decimator.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1204/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR ISOLATING A CONDUIT ENCLOSURE FOR AN EXPLOSION PROOF MOTOR

(51) International classification :H02K5/00
(31) Priority Document No :13/840801
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NAIR, SASIDHARAN
2)GARLAPATI, PRAVEEN KUMAR
3)MAHAJAN, SACHIN VITTHAL

(57) Abstract :
An enclosure system for isolating a conduit enclosure (202) for an explosion proof motor is provided includes a stator enclosure defining a first enclosure opening, a conduit enclosure (202) coupled to the stator enclosure. The conduit enclosure (202) comprises at least one side wall (206), a rear wall (208) coupled to the side wall (206), and an interior cavity (212). The rear wall (208) defines a first entry port (214) having a first volume. The enclosure system further includes at least one electrical lead which extends through the first enclosure opening, through the first entry port (214), and into the interior cavity (212). The at least one electrical lead occupies a portion of the first volume and leaves a remaining volume. The enclosure system also includes sealing compound. The sealing compound is coupled with the first entry port (214) such that substantially all of the remaining volume is occupied.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014

(21) Application No.1257/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING ORGANIC ACID

(51) International classification :C12P7/40,C07C51/487,C07C59/08
(31) Priority Document No :2011160643
(32) Priority Date :22/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068427
Filing Date :20/07/2012
(87) International Publication No :WO 2013/015212
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ITO Masateru
3)YAMADA Katsushige
4)KAWAMURA Kenji

(57) Abstract :
By subjecting an organic acid derived from a biomass resource to oxidation treatment using an oxidizing agent such as hydrogen peroxide, tert-butylhydroperoxide, ozone, sodium hypochlorite or sodium chlorite, colored impurities contained in the organic acid derived frdm a biomass resource can be removed.

No. of Pages : 47 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014

(21) Application No.1972/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RETRACTABLE BEAM SPLITTER FOR MICROSCOPE

(51) International classification :G02B21/06,G02B21/08,G02B27/10
(31) Priority Document No :13/216178
(32) Priority Date :23/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051914
Filing Date :22/08/2012
(87) International Publication No :WO 2013/028787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HEWLETT Robert Troy
3)HEWLETT Robert Jeffrey
4)HEWLETT Robert McCoy

(57) Abstract :
Systems and methods are provided for illuminating a surface to be observed microscopically using a retractable beamsplitter. The retractable beamsplitter (12 31) allows the use of coaxial illumination when the beamsplitter is positioned in the operator s line of sight. The retractable beamsplitter allows the use of non coaxial illumination without reducing the amount of illumination that reaches the operator when the beamsplitter is retracted from the operator s line of sight. As a result a single system can be used effectively to provide various types of illumination.

No. of Pages : 37 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.2158/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LUBRICATED SEAL WITH AXIAL LIP

(51) International classification :F16J15/32,F16J15/34
(31) Priority Document No :PCT/EP2011/064604
(32) Priority Date :25/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065618
Filing Date :09/08/2012
(87) International Publication No :WO 2013/026711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BAART Pieter

(57) Abstract :
The present invention resides in a rotary seal (200) comprising a first part (210) having an axial sealing lip (215) and a second part (220) having an axial counterface (227) against which the axial sealing lip bears. According to the invention a rotational one of the first part and the second part is provided with a reservoir (230) for retaining a volume of grease (260) at a location radially inward of the axial sealing lip. The reservoir is designed such that the movement of grease under the action of centrifugal force is prevented while the movement of base oil which bleeds from the volume of grease retained in the reservoir is allowed. As a result the supply of base oil to the sealing contact takes place for a longer period of time which extends the life of the seal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1201/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR FAULT PROTECTION OF A MOTOR

(51) International classification :G01R31/00
(31) Priority Document No :201310082173.8
(32) Priority Date :14/03/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)XU, FEI
2)CHU, XU
3)WU, HENG
4)HUANG, BAOMING
5)KANG, PENGJU

(57) Abstract :
An exemplary motor driving system includes a power source, a driving circuit, a controller, a motor, and a protection circuit. The driving circuit including at least one switching device coupled with the power source. The motor includes a plurality of windings. The motor is coupled with the driving circuit and driven by the driving circuit. The controller is configured to provide first switch signals to the at least one switching device of the driving circuit in a normal mode. The protection circuit is coupled with the controller, and configured to generate second switch signals based at least in part on a fault signal in a fault mode and provide the second switch signals to the at least one switching device of the driving circuit so as to reconstruct circuit loops between the driving circuit and the plurality of windings. A method for operating the motor driving system is also described.

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1364/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR EJECTING A PESTICIDE AND SPRAY GUN

(51) International classification :A01M7/00,A01M21/04,B05B9/08
(31) Priority Document No :11179034.1
(32) Priority Date :26/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066385
Filing Date :23/08/2012
(87) International Publication No :WO 2013/030071
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WELTER Peter
3)NIESAR Gunter
4)NOLTE Marc
5)ZARCO MONTERO Antonio
6)TORRES MORATO Jos Antonio
7)HENKES Steffen

(57) Abstract :
The invention relates to a method for ejecting a pesticide by means of a fluid chamber 3 which communicates via an electrically controlled fluid valve 48 having a spout 22. The method comprises the following steps: determining a pressure and a duration of a time interval for ejecting the pesticide filling the pesticide into the fluid chamber 3 applying a defined pressure on the pesticide in the fluid chamber 3 and opening the fluid valve 48 by means of an electric control signal for a specific previously determined time interval and closing the fluid valve 48 after the time interval has expired so that a defined volume or a defined weight of the pesticide is ejected by the spout 22. The invention further relates to a spray gun for carrying out the method and to the use of said spray gun for ejecting liquid in particular gel like pesticide.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.1472/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRODUCTION OF SUBSTITUTED PHENYLENE DIBENZOATE FOR USE AS INTERNAL ELECTRON DONOR AND PROCATALYST FOR POLYMER PREPARATION

(51) International classification	:C07C67/14,C08F4/651,C08F10/00
(31) Priority Document No	:13/220910
(32) Priority Date	:30/08/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/049935 :08/08/2012
(87) International Publication No	:WO 2013/032651
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)ROTH Gary R.
3)LEUNG Tak W.
4)WILLIAMS Clark C.

(57) Abstract :
The present disclosure is directed to the production of substituted phenylene aromatic diesters and 5 tert butyl 3 methyl l 2 phenylene dibenzoate (or BMPD) in particular. The processes disclosed herein produce a liquid BMPD product. The liquid BMPD product unexpectedly creates production efficiencies by reducing the number of production steps reducing the amount and/or number of reagents required for BMPD production. The liquid BMPD product may also be utilized in procatalyst production yielding similar production efficiencies. The procatalyst composition is subsequently used for olefin polymerization.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2014

(21) Application No.1954/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL BETULINIC ACID DERIVATIVES WITH ANTIVIRAL ACTIVITY

(51) International classification :C07J63/00,A61K31/56,A61P31/18
(31) Priority Document No :61/537099
(32) Priority Date :21/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056186
Filing Date :20/09/2012
(87) International Publication No :WO 2013/043778
(61) Patent of Addition 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)LIU Zheng
2)MEANWELL Nicholas A.
3)REGUEIRO REN Alicia

(57) Abstract :
Compounds of Formula I: that possess unique antiviral activity are provided as HIV maturation inhibitors. These compounds are useful for the treatment of HIV and AIDS.

No. of Pages : 53 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2014

(21) Application No.2172/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POWER SYSTEM JUNCTION TEMPERATURE CONTROL

(51) International classification :H02M1/32
(31) Priority Document No :13/246042
(32) Priority Date :27/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057675
Filing Date :27/09/2012
(87) International Publication No :WO 2013/049425
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WAGONER Robert Gregory
2)SMITH David

(57) Abstract :
An electrical power generating system including a power generating device a power converter connected to the power generating device and an electrical controller connected to the power converter. The electrical controller is configured to limit a peak junction temperature of the power converter by applying at least one junction temperature derating function.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1337/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPACTION DEVICE FOR A SPINNING MACHINE

(51) International classification :D01H5/72,D01H1/02
(31) Priority Document No :1242/11
(32) Priority Date :25/07/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2012/000143
Filing Date :29/06/2012
(87) International Publication No :WO 2013/013329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)N„GELI Robert
3)SCHNEIDER Gabriel

(57) Abstract :
The invention relates to a compaction unit (VM) for compacting a sliver delivered from a drafting unit (2) of a spinning machine wherein the compaction unit (VM) comprises a support (20) on which at least one suction drum (17) provided with a suction zone (Z) is rotatably mounted on an axle (22). A respective nip roll (33) mounted on the support (20) bears on the suction drum in order to form a nip line (P) at the end of the suction zone (Z). In order to improve known devices of loading arrangements for nip rolls on suction drums (17) according to the invention the nip roll (33) is rotatably mounted on an axle (32) on a pressure arm (72) that is pivotally mounted on the support (20) and is provided with a spring element (F2).

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2013

(21) Application No.1773/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THERAPEUTIC AGENT FOR PAIN

(51) International classification :A61K31/4196,A61K31/4245,A61P21/00
(31) Priority Document No :2010200305
(32) Priority Date :07/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070205
Filing Date :06/09/2011
(87) International Publication No :WO 2012/033070
(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 :
To provide a pharmaceutical product especially a pharmaceutical composition which is useful for the treatment of pain. [Solution] The inventors have intensively studied using pain model animals for the purpose of providing a therapeutic agent for pain. As the results of the intensive studies the inventors have found that a 11 hydroxydehydrogenase 1 (11 HSD1) inhibitor especially a triazole compound which is characterized by having a ring group at the 3 position (or the 5 position) of a triazole ring has a good chronic pain improvement effect. Namely a pharmaceutical composition which contains as an active ingredient a 11 HSD1 inhibitor especially a triazole compound of the present invention is useful for the treatment of pain (especially neuropathic pain and fibromyalgia syndrome).

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

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

(54) Title of the invention : IMAGE CAPTURING DEVICE METHOD FOR CORRECTING IMAGE AND SOUND RECORDING MEDIUM

(51) International classification :H04N5/232,H04N5/225,H04N5/91
(31) Priority Document No :2010183143
(32) Priority Date :18/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067776
Filing Date :03/08/2011
(87) International Publication No :WO 2012/023436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHINOKI Yudai

(57) Abstract :
In order to correct sound signals acquired by an image capturing device the image capturing device comprises an information holding unit which holds with respect to each of a plurality of photographed scenes identification information of the photographed scene image processing information indicating image correction process of the photographed scene and sound processing information indicating sound correction process of the photographed scene so as to be mutually associated; a camera unit which captures an image and generates an image signal indicating the image; a microphone unit which acquires sound and generates a sound signal in accordance with the image capturing by the camera unit; a correction unit which selects on the basis of the image indicated by the image signal a photographed scene of the image among the plurality of photographed scenes performs a correction process indicated by the image processing information associated with the identification information of the selected photographed scene to the image signal and performs a correction process indicated by the sound processing information associated with the identification information of the selected photographed scene to the sound signal; and a recording unit which records the image signal and the sound signal after the correction processes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2238/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LATENT ELECTROSTATIC IMAGE DEVELOPING TONER

(51) International classification :G03G9/08,G03G9/087,G03G15/08
(31) Priority Document No :2011202699
(32) Priority Date :16/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073971
Filing Date :12/09/2012
(87) International Publication No :WO 2013/039257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)FUWA Kazuoki
7)FUKAO Tomohiro

(57) Abstract :
A toner including: a core particle containing at least a binder resin a colorant and a releasing agent; and a shell on a surface of the core particle wherein the toner gives a supernatant having a transmittance of 50% to 95% with respect to light having a wavelength of 800 nm where the supernatant is formed after 3 g of the toner is added to 40 g of ion exchange water containing 0.5% by mass of sodium dodecyl sulfate followed by stirring for 90 min and by irradiating with ultrasonic waves of 20 kHz and 80 W for 5 min and a liquid containing the toner dispersed therein is centrifugated at 3 000 rpm for 5 min.

No. of Pages : 128 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1854/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE CAPTURE DEVICE AND IMAGE CAPTURE METHOD

(51) International classification :A61B5/055
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/072079
Filing Date :27/09/2011
(87) International Publication No :WO 2013/046337
(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)KOSE Katsumi

(57) Abstract :
An image capture device comprises an image capture unit which captures an image and a control unit which controls the image capture unit. The image capture device further comprises: a reference clock unit which generates a reference clock; and a signal I/O unit which is disposed between the image capture unit and the control unit and which handles input and output of a signal in synchronization with the reference clock which is generated by the reference clock unit. The control unit further comprises: a generator means for generating a plurality of control signals which control the image capture unit and generating extraction timing at which a measurement signal is extracted from the image capture unit; a transmission means for transmitting via the signal I/O unit to the image capture unit in synchronization with the reference clock the plurality of control signals which are generated by the generator means; a receiving means for receiving via the signal I/O unit in synchronization with the reference clock the measurement signal from the image capture unit and counting the number of times that the measurement signal is received; and an extraction means for extracting the measurement signal when the number of times that the measurement signal is received by the receiving means is the extraction timing which is generated by the generator means.

No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.2150/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TWO - COLOR BALL POINTED PEN

(51) International classification :B43K27/08,B43K27/12,B43K7/00
(31) Priority Document No :20-2013-0001913
(32) Priority Date :14/03/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/008606
Filing Date :26/09/2013
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BAEK, WOONCHANG

(57) Abstract :
Disclosed therein is a two-color ball pointed pen having two pen cartridges with different colors in one case. The two-color ball pointed pen allows a user to easily and rapidly select and use a wanted color. The two-color ball pointed pen includes: two-color pen cartridges(3,3) joined to one side of a case(l); a highlighter pen(5) joined to the other side of the case(l); and a transparent cap (4) joined to an assembly hole (11) of one side of the case(l) to which the two-color pen cartridges(3,3) are joined so as to allow a user to see colors of the two-color pen cartridges(3, 3) from the outside.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2272/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ORIENTED COLLAGEN/APATITE MATERIAL AND METHOD FOR PRODUCING ORIENTED COLLAGEN/APATITE MATERIAL

(51) International classification :A61L27/00
(31) Priority Document No :2010211598
(32) Priority Date :22/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005203
Filing Date :15/09/2011
(87) International Publication No :WO 2012/039112
(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)ISHIMOTO Takuya
4)SAKU Taro
5)ISOBE Yoshihiro

(57) Abstract :
The purpose of the invention is to provide an oriented collagen/apatite material of controlled orientation and a method for producing oriented collagen/apatite materials of controlled orientation. [Solution] This method for producing oriented collagen/apatite materials is characterized in that by preparing oriented collagen and inoculating osteoblasts or mesenchymal stem cells apatite having an orientation substantially coinciding with the direction of the collagen orientation is formed and fixed on the surface and/or interior of the collagen. A preferred embodiment of this method for producing oriented collagen/apatite materials is characterized in that the osteoblasts are osteoblastoid cells or osteoblasts harvested from a live body.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2273/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING INTER CELL INTERFERENCE COORDINATION ACTIONS FOR TIME DOMAIN PARTITIONED CELLS

(51) International classification :H04J11/00
(31) Priority Document No :61/391532
(32) Priority Date :08/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055189
Filing Date :07/10/2011
(87) International Publication No :WO 2012/048174
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAMNJANOVIC Aleksandar
3)MONTOJO Juan

(57) Abstract :
Aspects of the present disclosure relate generally to wireless communication systems and more particularly to systems and methods for managing inter cell interference coordination (ICIC) actions for time domain partitioned cells. In certain aspects time domain partitioning is accounted for by an eNB in determining whether to send frequency based inter cell interference information (e.g. uplink overload indicator) to neighboring eNB(s) and/or responsive actions to take in response to receiving frequency based inter cell interference information (e.g. uplink overload indicator high interference indicator and/or relative narrowband transmission power).

No. of Pages : 51 No. of Claims : 48

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

(21) Application No.172/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMPROVED TYRE FOR VEHICLES IN GENERAL

(51) International classification :B60C
(31) Priority Document No :MI2012U 000012
(32) Priority Date :17/01/2012
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TOTINO,GIUSEPPE
3)TOTINO,ANTHEA

(57) Abstract :
There is described a tyre (10) for vehicles in general, consisting of a tread band (12) and of a shoulder (14) and configured for being applied to a generic rim (16) of a vehicle. One or more reflecting elements (18) are integrally applied on the shoulder (14) of the tyre (10) capable of reflecting the light substantially in the same direction wherefrom such light comes. In this way, the visibility of any vehicle provided with such tyres (10) is significantly improved in any weather and light condition, since the reflecting elements (18) can be made well clear by the headlamps of the vehicles in transit or by any other light source.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2040/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYNCHRONOUSLY SAMPLED SINGLE BIT SWITCH MODE POWER SUPPLY

(51) International classification :H02M3/157
(31) Priority Document No :12/884827
(32) Priority Date :17/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052008
Filing Date :16/09/2011
(87) International Publication No :WO 2012/037503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
A power supply is described. The power supply includes a synchronous sampled comparator. The synchronous sampled comparator includes a first input that receives a reference voltage. The synchronous sampled comparator also includes a second input that receives a feedback signal. The power supply also includes power field effect transistors (FETs). The power supply further includes an inductor coupled to the power FETs and coupled to the second input. The power FETs generate a power supply voltage using the inductor. The power supply voltage is a direct current (DC) power supply voltage.

No. of Pages : 40 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013

(21) Application No.2099/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF POLYETHERESTER POLYOLS

(51) International classification :C08G65/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/076197
Filing Date :20/08/2010
(87) International Publication No :WO 2012/022048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ELING Berend
3)LOEFFLER Achim
4)WANG Xinkui
5)YING Ning
6)DU Hui
7)KANG Maoqing

(57) Abstract :
Disclosed is a process for the preparation of polyetherester polyols prepared with hybrid catalysts the polyetheresters obtained from the process and the use of such materials in polyurethane applications. The hybrid catalysts used in this invention comprise double metal cyanide complex catalysts (DMC) and at least one co catalyst.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2275/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE PICK UP DEVICE IMAGE TRANSFER METHOD AND PROGRAM

(51) International classification :H04N5/232,H04N5/225,H04N5/91
(31) Priority Document No :2010211805
(32) Priority Date :22/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070733
Filing Date :12/09/2011
(87) International Publication No :WO 2012/039311
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAKANABA Takayuki

(57) Abstract :
The present invention enables images to be displayed using the appropriate top and bottom direction even when image data in which top and bottom direction is recorded is transmitted to a device that is external to an image pick up device and that is not provided with an image rotation function. The image pick up device comprises an image pick up unit an addition unit that adds data indicating the top and bottom direction at the time of image pick up to the image data of an image picked up using the image pick up unit and stores the same a transmission unit that transmits image data to an external device and an editing unit that prior to transmitting image data to an external device rotates the top and bottom direction of an image in accordance with image data.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2276/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : REWINDING MACHINE AND METHOD FOR THE PRODUCTION OF ROLLS OF WEB MATERIAL

(51) International classification :B65H19/26
(31) Priority Document No :FI2010A000205
(32) Priority Date :28/09/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2011/000320
Filing Date :15/09/2011
(87) International Publication No :WO 2012/042549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MORELLI Roberto
2)MONTAGNANI Franco
3)MADDALENI Romano

(57) Abstract :
A rewinding machine (2) is described with a winding cradle defined by three rollers (1 3 7) and comprising a fourth winding roller 21 defining with the first winding roller (1) a cradle in which the web material (N) is pushed by a winding core (A2) to the beginning of each winding cycle to cause severing of the web material without the need for controlled mechanical parts.

No. of Pages : 63 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2277/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BRINE PURIFICATION PROCESS

(51) International classification :C01D3/06,C01D3/14,C25B1/34
(31) Priority Document No :1056820
(32) Priority Date :27/08/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/064337
Filing Date :22/08/2011
(87) International Publication No :WO 2012/025468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KRAFFT Philippe
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4)SMETS Valentine
5)IAVARONE Giancarlo

(57) Abstract :
Process for purifying a brine of organic compounds comprising: (a) supplying a brine that comprises at least one organic compound; (b) feeding at least one stripping zone with the brine from (a) and at least one stripping agent; (c) withdrawing from the stripping zone at least one fraction (I) essentially constituted of brine the content of organic compound of which is lower than in the brine from (a) and at least one fraction (II) essentially constituted of stripping agent; and in which the temperature expressed in degrees Celsius (T) of the hottest fraction of the two fractions (I) and (II) and the temperature expressed in degrees Celsius (T) of the coldest fraction of the two fractions (I) and (II) said temperatures being the temperatures measured before any possible thermal conditioning which might be carried out before and/or during the withdrawal thereof correspond to the following formula: 6 x 10 (T) = T2 < T1

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

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

(21) Application No.1132/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PROVIDING MULTICAST BROADCAST SERVICES CONTINUITY IN A WIRELESS NETWORK CORRESPONDING NETWORK NODE AND USER EQUIPMENT

(51) International classification :H04W4/06
(31) Priority Document No :11306041.2
(32) Priority Date :12/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/064072
Filing Date :18/07/2012
(87) International Publication No :WO 2013/023864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WORRALL Chandrika
2)PALAT Sudeep

(57) Abstract :
The present invention relates to a method for providing Multicast Broadcast Services continuity towards a user equipment part of a wireless network said Multicast Broadcast Services being supported by at least one Multicast Broadcast Services bearer said wireless network further providing Unicast Services to said user equipment said Unicast Services being supported by at least one Unicast Service bearer said Multicast Broadcast Services bearers being multiplexed with Unicast Services bearers on at least one carrier. According to the present invention the method comprises the steps of prioritising said Multicast Broadcast Services over said Unicast services.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2014

(21) Application No.1578/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PREPARING ISOCYANATES

(51) International classification :C07C263/10
(31) Priority Document No :11179909.4
(32) Priority Date :02/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065176
Filing Date :02/08/2012
(87) International Publication No :WO 2013/029918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MATTKE Torsten
2)OLBERT Gerhard

(57) Abstract :
Process for preparing isocyanates by reacting the corresponding amines comprised in at least one feed stream A with phosgene comprised in at least one feed stream P in a reactor plant comprising at least one mixing zone and at least one reaction zone wherein feed stream A and/or feed stream P optionally comprise one or more inert materials and during periods of time in which the flow S of the amines used is below the flow S of the amines used during operation at the nominal capacity of the reactor plant (i) the ratio of phosgene to amine is increased and/or (ii) the concentration of the inert material or materials in the amine comprising feed stream A and/or the phosgene comprising feed stream P is increased compared to operation at the nominal capacity of the reactor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2035/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ABSORBENT ARTICLE AND SANITARY NAPKIN

(51) International classification :A61F13/15,A61F13/53,A61F13/534
(31) Priority Document No :2010195078
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004889
Filing Date :31/08/2011
(87) International Publication No :WO 2012/029314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KUDO Jun
2)KINOSHITA Hideyuki
3)TAKAHASHI Yuji
4)MINAMI Mari

(57) Abstract :
An absorbent article 1 has an upper layer unit 20 which extends in a longitudinal direction L of the absorbent article 1 is provided on a skin contact surface side of the main body unit10. The upper layer unit 20 has an upper layer topsheet 22 which is independent of the topsheet 12. A dimension of the upper layer unit 20 in a widthwise direction W of the absorbent article 1 is configured to be smaller than a dimension of the main body unit 10 in the widthwise direction W. A central region including a center of the widthwise direction W of the main absorber 11 that is opposite to the upper layer unit 20 is provided and in at least a part of the central region a low rigidity region 50 of which flexural rigidity is lower than that of the central region is formed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2014

(21) Application No.2093/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR TREATING OSTEOPOROSIS

(51) International classification :A61K31/47,A61P19/10
(31) Priority Document No :61/538039
(32) Priority Date :22/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056281
Filing Date :20/09/2012
(87) International Publication No :WO 2013/043840
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AFTAB Dana T.
2)CLARY Douglas

(57) Abstract :
This invention is directed to the treatment of osteoporosis using (4 { [6 7 bis(methyloxy)quinolin 4 yI]oxy}henyl) N (4 fluorophenyl)cycIopropane l l dicarboxamide.

No. of Pages : 70 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014

(21) Application No.2289/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL AMIDASE

(51) International classification :C12N15/09,C12N1/21,C12N9/78
(31) Priority Document No :2011214381
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075123
Filing Date :28/09/2012
(87) International Publication No :WO 2013/047767
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KANAMARU Hiroyuki
3)NISHI Akiko
4)KAWANO Shigeru
5)YASOHARA Yoshihiko

(57) Abstract :
The problem addressed by the present invention is to provide a means for producing an optically active tropic acid that is a compound useful as a synthesis starting material and intermediate for drugs and the like. The present invention provides: a novel peptide having the activity of (R) selectively hydrolyzing a racemic tropic acid amide; DNA coding for the peptide; a vector containing the DNA; a transformant that has been transformed by the vector; and a method for producing an optically active carboxylic acid and an optically active carboxylic acid amide using the peptide DNA vector and transformant.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.1467/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DEPHOSPHORISING LIQUID HOT METAL SUCH AS LIQUID BLAST FURNACE IRON

(51) International classification :C21C1/02,C21C7/00,C21C7/064
(31) Priority Document No :11176753.9
(32) Priority Date :05/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/064953
Filing Date :31/07/2012
(87) International Publication No :WO 2013/020858
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MILLMAN Maurice Stuart

(57) Abstract :
This invention relates to a method for dephosphorising liquid hot metal such as liquid blast furnace iron or liquid metal with a composition equivalent to blast furnace iron wherein a pouring stream of the hot metal is discharged from a vessel containing the hot metal into a refining unit wherein in the refining unit one or more streams of additives for forming a molten slag and one or more gaseous streams for breaking up the pouring stream of hot metal into molten metal droplets are directed into the pouring stream wherein one or more of the gaseous streams and/or one or more of the streams of additives comprises oxygen in gaseous form or in compounded form to allow a dephosphorisation reaction between the metal droplets the oxygen and the molten slag during the fall of the molten droplets before being collected into a receiving vessel positioned below the refining unit and to an apparatus for performing the method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/03/2014

(21) Application No.2043/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR DETERMINING THE INCLINATION OF A TOWER

(51) International classification :F03D11/00
(31) Priority Document No :10 2011 053 317.6
(32) Priority Date :06/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/067348
Filing Date :05/09/2012
(87) International Publication No :WO 2013/034607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Heining Nils

(57) Abstract :
In order to specify a method for determining the inclination of a tower (2) in particular of a wind energy installation (1) in relation to the gravitational field by evaluating the output signal from an acceleration sensor (7) designed to record a static acceleration in the direction of a sensor measuring axis which method is easy to use and can be carried out in any desired wind energy installations for example by measurement personnel with a mobile measuring device for example within the scope of regular tests it is proposed that the acceleration sensor (7) is fastened to a component (4) preferably a main frame which can be rotated about the longitudinal axis (3) of the tower (2) in an azimuth angle range of at least 180° preferably 360° such that the sensor measuring axis (8) is oriented substantially parallel to the plane of rotation of the component (4) wherein the output signal is measured and recorded in succession at different azimuth angles by virtue of the component (4) being rotated between measurements wherein the inclination is determined by evaluating the series of measurements obtained in this manner.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2014

(21) Application No.2104/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SEAL FOR A ROTARY MACHINE

(51) International classification :F01D11/00,F01D11/02,F01D11/04
(31) Priority Document No :CO2011A000036
(32) Priority Date :07/09/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/067446
Filing Date :06/09/2012
(87) International Publication No :WO 2013/034655
(61) Patent of Addition 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)BRESCIANI Stefano
3)PS Ravindranath
4)SASSOLINI Lorenza
5)CIANI Alessandro

(57) Abstract :
A rotary machine includes a machine rotor a machine stator a labyrinth seal disposed between the machine rotor and the machine stator a dry gas seal disposed between the machine rotor and the machine stator the dry gas seal being disposed downstream of the labyrinth seal the labyrinth seal including a labyrinth seal rotor and a labyrinth seal stator the labyrinth seal stator having a cavity containing a heat transfer medium configured to transfer heat between the labyrinth seal stator and a zone adjacent the labyrinth seal stator to cool or heat a pressurized process fluid before the process fluid bears against the dry gas seal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013

(21) Application No.2297/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CIGARETTE PACK COMPRISING A SYMMETRICAL LATERAL CAVITY

(51) International classification :B65D5/48,B65D85/10
(31) Priority Document No :10 2010 035 938.6
(32) Priority Date :31/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/062965
Filing Date :28/07/2011
(87) International Publication No :WO 2012/028395
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AGIRBAS Erdinc

(57) Abstract :
The invention relates to a pack for smoking articles in particular cigarette pack comprising a front surface (1) a rear surface (2) and two opposing lateral surfaces (3 4) wherein a cavity (5) is formed in the interior of the pack on at least one lateral surface (3 4) wherein said interior is delimited by these surfaces and the cavity extends between the lateral surface (3 4) and the receptacle for the smoking article (6).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2013

(21) Application No.1552/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXTERNAL PRESSURE EQUALIZER CUM SUSOENSION IN THE EXISTING SUSPENSION SYSTEM OF THE MOTORCYCLE

(51) International classification :B62K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MOHAMED SHAMIR. K

(57) Abstract :
This invention presents a method for better stability and traction of the motorcycle. The total weight of the motorcycle normally acts on the front end. This method provides better stability to the motorcycle by applying a pressure on rear portion of the motorcycle. This provides better traction and stability to the motorcycle. The pressure on the front end is sensed and an equal pressure is applied at the rear suspension unit. This entire process takes place by electronically and can be operated manually also. The weight distribution of the motorcycle will thereby be equalized by means of the applied pressure which leads to better control and stability provided to the rider.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2061/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRODUCTION METHOD FOR CHEMICALS BY CONTINUOUS FERMENTATION

(51) International classification :C12P1/00,B01D65/02,B01D65/06
(31) Priority Document No :2010205239
(32) Priority Date :14/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070109
Filing Date :05/09/2011
(87) International Publication No :WO 2012/036003
(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)TAKEUCHI Norihiro
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5)TANAKA Yuji
6)MINEGISHI Shin ichi

(57) Abstract :
A production method for chemicals by continuous fermentation comprising: filtering a culture medium containing a fermentation feedstock chemicals microbes or cultured cells by a separation membrane; collecting the chemicals from the filtrate; retaining or refluxing the unfiltered remains in the culture medium; and supplying washing liquid from the permeate side of a membrane unit to wash the membrane in a continuous fermentation in which the fermentation feedstock is added to the culture medium characterized in that the washing liquid has a higher temperature than the culture medium and is high temperature water of 150°C or lower and a microbial concentration in a fermenter is controlled by supplying the washing liquid. By using the production method the retention of the filtration property for high cell density cultivation of microbial mixture and the control of the microbial concentration can be simultaneously performed in the collection of products by the fermentation using the separation membrane.

No. of Pages : 43 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.2062/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CABLE TIE FOR MOUNTING CABLES AGAINST A PANEL

(51) International classification :F16L3/233,B65D63/10,H02G3/30
(31) Priority Document No :12300828
(32) Priority Date :22/08/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/050962
Filing Date :10/08/2013
(87) International Publication No :WO 2014/031063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BERGLUND Jan

(57) Abstract :
A cable tie(1) with means (2 3 4 17 18) to form a loop in order to mount cables(6) against a panel(7) or a marking badge(19). The cable tie has an integrated panel anchor(8) having an elongated body in an area where the cable tie has an elongated cross section and changes direction at least one time. The cable tie is intended to be mounted in a panel that has an opening(9) with a shape that is a combination of a circular hole(12) and a elongated opening(13). The mounting starts with a bending (Figure 6) around the panel anchor which is then mounted (Figure 7) into the openings elongated part(13). Then the cable tie is rotated 90º (Figure 8) around the axis of the circular part(12) of the opening(9). Then by releasing the bending the band on each side of the panel anchor is fixed in the elongated part of the opening and the panel anchor is fixed towards the back side of the panel.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013

(21) Application No.2304/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SENSOR ASSEMBLY VALIDATION

(51) International classification :G01F1/84,G01F25/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/046937
Filing Date :27/08/2010
(87) International Publication No :WO 2012/026943
(61) Patent of Addition 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)MCANALLY Craig B.

(57) Abstract :
A method for validating a sensor assembly of a meter is provided. The method comprises a step of receiving one or more sensor calibration values. The method further comprises a step of comparing the received sensor calibration values to one or more known sensor calibration values. The method can then validate the sensor assembly if the one or more received sensor calibration values are within a predetermined tolerance of the one or more known sensor calibration values.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.2147/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INTACT MASS DETERMINATION OF PROTEIN CONJUGATED AGENT COMPOUNDS

(51) International classification :G01N24/00
(31) Priority Document No :61/540839
(32) Priority Date :29/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057649
Filing Date :27/09/2012
(87) International Publication No :WO 2013/049410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SALAS Oscar

(57) Abstract :
The present invention provides methods and systems for the rapid determination of the intact mass of non covalently associated antibody heavy chains (HC) and light chains (LC) which result from the attachment of drug conjugates to interchain cysteine residues. By analyzing the antibody drug conjugate (ADC) using native desalting conditions the intact bivalent structure of the ADC which ordinarily would decompose as a consequence of denaturing chromatographic conditions typically used for LCMS is maintained. The mass of the desalted ADC is subsequently determined using desolvation and ionization ESI MS conditions. The methods described herein provide for direct measurement of the intact mass of an ADC conjugated at interchain cysteine residues. The methods described herein also provide for the relative quantitation of the individual ADC species.

No. of Pages : 73 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.2149/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MORPHOLINO SUBSTITUTED UREA OR CARBAMATE DERIVATIVES AS MTOR INHIBITORS

(51) International classification :C07D251/22,C07D401/12,C07D407/12
(31) Priority Document No :11182221.9
(32) Priority Date :21/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/068590
Filing Date :21/09/2012
(87) International Publication No :WO 2013/041652
(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)HARDY Daniel Paul
4)SUNOSE Mihiro
5)MOREL Adeline
6)CONVERY Laura
7)ADREGO Rita

(57) Abstract :
The invention relates to compounds of formula (I) wherein m n R T and T have the meaning as cited in the description and the claims. Said compounds are useful as inhibitors of mTOR for the treatment or prophylaxis of mTOR related diseases and disorders. The invention also relates to pharmaceutical compositions including said compounds as well as the use as medicaments.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2270/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TAP CHANGER AND VACUUM SWITCHING TUBE FOR SUCH A TAP CHANGER

(51) International classification :H01H9/00,H01F29/04,H01H33/16
(31) Priority Document No :10 2010 045 901.1
(32) Priority Date :17/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004433
Filing Date :02/09/2011
(87) International Publication No :WO 2012/034653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DOHNAL Dieter
2)H–PFL Klaus
3)PIRCHER Christian
4)WREDE Silke

(57) Abstract :
The invention relates to a tap changer for switching among winding taps of a step transformer without interruption wherein two load branches are provided for each phase to be switched and each load branch has a vacuum switching contact that acts as a main contact and in parallel therewith at least one series circuit of a transition resistor and a further vacuum switching contact. At least two vacuum switching contacts of each load branch are structurally combined to form a single vacuum switching tube having two separate movable contacts that can be activated independently of each other and a common fixed contact.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2271/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LINEAR FRICTION WELDING SYSTEM WITH ECCENTRICS

(51) International classification :B23K20/12
(31) Priority Document No :12/868623
(32) Priority Date :25/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048785
Filing Date :23/08/2011
(87) International Publication No :WO 2012/027352
(61) Patent of Addition 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)GORSKI Thaddeus W.

(57) Abstract :
A linear friction welding system (100) in one embodiment of the present application includes a ram (146) configured to vibrate along a welding axis a cam follower operably connected to the ram an eccentric including an eccentric outer periphery operably engaged with the cam follower and an inner periphery a first power shaft slidingly engaged with the eccentric and a second power shaft eccentrically engaged with the inner periphery.

No. of Pages : 68 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014

(21) Application No.2326/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CASTING MOLD COMPOSITION WITH IMPROVED DETECTABILITY FOR INCLUSIONS AND METHOD OF CASTING

(51) International classification :B22C1/02,B22C9/04,G01N23/20
(31) Priority Document No :13/250726
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053716
Filing Date :05/09/2012
(87) International Publication No :WO 2013/081701
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BEWLAY Bernard Patrick
2)WEIMER Michael
3)MCKIEVER Joan
4)ELLIS Brian

(57) Abstract :
The present disclosure relates to a titanium containing article casting mold composition comprising calcium aluminate and an X ray or Neutron ray detectable element. Furthermore present embodiments teach a method for detecting sub surface ceramic inclusions in a titanium or titanium alloy casting by combining calcium aluminate an element more radiographically dense than the calcium aluminate and a liquid to form a slurry; forming a mold having the calcium aluminate and the radiographically dense element from the slurry; introducing a titanium aluminide containing metal to the radiographically dense element bearing mold; solidifying said titanium aluminide containing metal to form an article in the mold; removing the solidified titanium aluminide containing metal article from said mold; subjecting the solidified titanium aluminide containing article to radiographic inspection to provide a radiograph; and examining said radiograph for the presence of the radiographically dense element on or in the article.

No. of Pages : 59 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2046/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ASSISTED NETWORK ACQUISITION AND SEARCH UPDATES

(51) International classification :H04W48/08
(31) Priority Document No :12/883513
(32) Priority Date :16/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051808
Filing Date :15/09/2011
(87) International Publication No :WO 2012/037383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
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(72)**Name of Inventor :**
1)SOLIMAN Samir S.
2)AWONIYI Olufunmilola O.

(57) Abstract :
A method and system provide assisted acquisition of a wireless link between user equipment and a femtocell unit. After an initial calibration of timing and/or frequency information the user equipment enters into a low power state. The femtocell unit monitors for system updates using a network listen module that sniffs the air interface of one or more neighboring cells. Upon a trigger event the femtocell unit provides aiding information for example timing and/or frequency information corresponding to a change in timing and/or frequency of the air interface over a second radio e.g. a wireless personal area network interface. Thus the user equipment may remain in the low power state and receive updates with respect to the wireless wide area network interface. Subsequently upon wake up the user equipment may utilize the aiding information for example to recalibrate its timing and/or frequency. Thus acquisition of the wireless link with the femtocell unit may be expedited.

No. of Pages : 41 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2047/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD OF IMPROVING CIRCUIT SWITCHED FALLBACK USER EXPERIENCE

(51) International classification :H04W68/12,H04W76/02
(31) Priority Document No :61/382711
(32) Priority Date :14/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051638
Filing Date :14/09/2011
(87) International Publication No :WO 2012/037281
(61) Patent of Addition 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)KLINGENBRUNN Thomas

(57) Abstract :
Circuit switched fallback (CSFB) is a technique to deliver voice services to a mobile when the mobile is camped in a long term evolution (LTE) network. This may be required when the LTE network does not support voice services natively. The LTE network and a 3GPP CS network (e.g. UMTS or GSM) may be connected using a tunnel interface. The UE may register with the 3GPP CS network while on the LTE network by exchanging messages with the 3GPP CS core network over the tunnel interface. If a user receives a mobile terminating (MT) call the UE may inform the LTE network that the UE is leaving for the call by initiating a call setup procedure. However there may be instances where the call setup procedure may fail. For example the UE may not be moved to the 3GPP CS network or the UE may be moved to the 3GPP CS network but the call may fail there. Therefore certain aspects of the present disclosure provide techniques for providing an indication of the failed call to the user.

No. of Pages : 26 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.2234/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYCYCLIC HETEROCYCLE DERIVATIVES AND METHODS OF USE THEREOF FOR THE TREATMENT OF VIRAL DISEASES

(51) International classification :A61K31/675,A61K38/00,A61K38/12
(31) Priority Document No :61/387825
(32) Priority Date :29/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053562
Filing Date :28/09/2011
(87) International Publication No :WO 2012/050850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COBURN Craig A.
3)OLSEN David B.
4)KOZLOWSKI Joseph A.
5)ROSENBLUM Stuart B.

(57) Abstract :
The present invention relates to Polycyclic Heterocycle Derivatives such as compound 1: (1) compositions comprising the Polycyclic Heterocycle Derivatives and methods of using the Polycyclic Heterocycle Derivatives for treating or preventing HCV infection in a patient.

No. of Pages : 70 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2235/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DETERIORATION ANALYZING METHOD

(51) International classification :G01N23/06,G01N23/227
(31) Priority Document No :2011242600
(32) Priority Date :04/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078421
Filing Date :02/11/2012
(87) International Publication No :WO 2013/065809
(61) Patent of Addition 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)KISHIMOTO Hiroyuki

(57) Abstract :
Provided is a deterioration analyzing method which enables detailed analysis of the deterioration particularly surface deterioration of a polymer material comprising two or more diene based polymers. The present invention pertains to a deterioration analyzing method which comprises: irradiating a polymer material comprising two or more diene based polymers with high brightness X rays; measuring the absorbed amounts of the X rays while varying the energy of the X rays; and thereby analyzing the deterioration of each diene based polymer.

No. of Pages : 78 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014

(21) Application No.2414/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BINDER COMPOSITIONS FOR MAKING FIBERGLASS PRODUCTS

(51) International classification :D04H1/587,D04H1/4218,B32B17/02
(31) Priority Document No :13/228917
(32) Priority Date :09/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054134
Filing Date :07/09/2012
(87) International Publication No :WO 2013/036752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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3)SRINIVASAN Ramji
4)NARAYAN Arun
5)IMAN Ahmed A.

(57) Abstract :
Fiberglass mats binder compositions and methods for making the same are provided. The fiberglass mat can include a plurality of glass fibers and an at least partially cured binder composition. The binder composition prior to at least partial curing can include a first copolymer modified by reaction with one or more base compounds. The first copolymer can include one or more unsaturated carboxylic acids one or more unsaturated carboxylic anhydrides or a combination thereof and one or more vinyl aromatic derived units. The first copolymer can have a weight average molecular weight (Mw) of about 500 to about 200 000. The first copolymer can be present in an amount ranging from about 60 wt% to about 95 wt% based on a combined weight of the first copolymer and the one or more base compounds.

No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1852/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LIPOSOME PRODUCTION USING ISOPROPANOL

(51) International classification :A61K9/127,A61K47/36
(31) Priority Document No :1116248.4
(32) Priority Date :20/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/068448
Filing Date :19/09/2012
(87) International Publication No :WO 2013/041572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DE KESEL Carine
2)MANCUSO Vincent

(57) Abstract :
The present invention provides methods for producing a lipidic film comprising the steps of: (i) dissolving a lipid mix in isopropanol to form a homogeneous mix; and (ii) removing the isopropanol from the homogeneous mix to form a lipidic film wherein the lipid mix comprises a lipid and cholesterol.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/03/2014

(21) Application No.1853/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRODUCTION METHOD FOR ZINC ELECTROPLATED STEEL SHEETS

(51) International classification :C25D3/22
(31) Priority Document No :2011219718
(32) Priority Date :04/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006373
Filing Date :04/10/2012
(87) International Publication No :WO 2013/051269
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)IMOKAWA Toru
3)MATSUZAKI Akira

(57) Abstract :
Provided is a production method for zinc electroplated steel sheets which have a high degree of whiteness wherein steel sheets are subjected to cathodic electrolysis in a zinc electroplating bath containing 0.01 3mass ppm in total of 1 or more of benzothiazole 2 methylbenzothiazole 2 aminobenzothiazole and/or 2 benzothiazolone.

No. of Pages : 20 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014

(21) Application No.2352/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL COMPOUNDS AS HIF 1AINHIBITORS AND MANUFACTURING PROCESS THEREOF

(51) International classification	:C07C235/18,C07D241/04,A61K31/165
(31) Priority Document No	:1020110097355
(32) Priority Date	:27/09/2011
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2012/007876 :27/09/2012
(87) International Publication No	:WO 2013/048164
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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6)LEE Chang Woo
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8)BAN Hyun Seung
9)CHUNG Kyung Sook
10)RAVI Naik

(57) Abstract :
The present invention relates to novel compounds as HIF 1a inhibitors manufacturing process thereof and a pharmaceutical compositions. The compounds according to the present invention having inhibition activity against HIF 1a can be used as a therapeutic prevention and/or treatment for various solid cancers such as colon cancer liver cancer stomach cancer and breast cancer. Also the compounds according to the present invention are useful in the treatment of diabetic retinopathy and rheumatoid arthritis which are aggravated by HIF 1a mediated VEGFA expression.

No. of Pages : 58 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014

(21) Application No.2353/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CUSTOMER JOURNEY PREDICTION AND RESOLUTION

(51) International classification :G06E1/00
(31) Priority Document No :61/538749
(32) Priority Date :23/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056030
Filing Date :19/09/2012
(87) International Publication No :WO 2013/043672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KANNAN Pallipuram V.

(57) Abstract :
Customer journey prediction and resolution is accomplished via a predictive model in which each user is mapped onto all available user journey information corresponding to a specific business. The predictive model is analyzed to understand the characteristics preferences and lowest effort resolution for the user related to the services that are subscribed to by the user. The predictive model is analyzed to predict the service or collection of services for each user. Embodiments interact with provide and receive information from and react to and/or deliver action to the customer across channels and across services. All customer and system behavior data and action is tracked and coordinated and leveraged for continuous feedback and performance improvement.

No. of Pages : 42 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014

(21) Application No.2418/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING AN ALUMINUM FOIL WITH INTEGRATED SECURITY FEATURES

(51) International classification :B21B1/22,B21H8/00
(31) Priority Document No :11450126.5
(32) Priority Date :22/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/AT2012/000222
Filing Date :27/08/2012
(87) International Publication No :WO 2013/040612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUBER Rainer
3)KORNFELD Martin
4)SCHEDL Adolf
5)NEKULA Lambert
6)ZUSER Wilhelm
7)SCHARNER Engelbert

(57) Abstract :
The invention relates to a method for producing an aluminum foil (1) and to an aluminum foil with integrated security features (6). An aluminum foil (4) is rolled to a thickness of less than 150 µm in multiple cold rolling passes and simultaneously a texture (5a 5b) which runs in the rolling direction is produced on both faces (4a 4b) of the aluminum foil. A loose composite (8) is formed from at least two of said aluminum foils (4) and the composite is fed into a pair of working rollers (9) in a final cold rolling pass wherein the relief like surface structure (11a) which is produced in the rolling direction by means of a polishing process has been reduced by 10 to 50% with respect to the average roughness height in one region (6) in a contrast and motif dependent manner on at least one roller surface (11) in order to form a motif for a security feature (6). The security feature is transferred onto the aluminum foil face (2a) that faces the roller surface and the loose composite (8) of aluminum foils (1 4) is then separated.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.1360/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CIRCULATORY DYNAMICS MEASUREMENT APPARATUS

(51) International classification :A61B5/022,A61B5/0245
(31) Priority Document No :2011230133
(32) Priority Date :19/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/005481
Filing Date :30/08/2012
(87) International Publication No :WO 2013/057866
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)IZUMIKAWA Masato

(57) Abstract :
The circulatory dynamics measurement apparatus (10) comprises: a blood pressure computing unit (18) which calculates the maximum blood pressure value (SYS); a vascular sclerosis computing unit (17) which calculates the vascular sclerosis index (VSI); and a display unit (19) for displaying a graph having a horizontal axis that represents the maximum blood pressure and a vertical axis that represents the vascular sclerosis index. The display unit (19) displays the position determined by the calculated maximum blood pressure value and the calculated vascular sclerosis index in the plotting area of the graph.

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2279/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PACKAGING SYSTEM FOR MULTI COMPONENT MEDICAL PRODUCTS

(51) International classification :B65D25/10,B65D75/52,B65D71/70
(31) Priority Document No :61/377579
(32) Priority Date :27/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/064504
Filing Date :24/08/2011
(87) International Publication No :WO 2012/025549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SEIFERLEIN Werner

(57) Abstract :
A sterile packaging system for use in the manufacture and sale of combination medical product preferably one that is attachable to an injection system to co deliver at least two medicaments is disclosed where a tray grid (1) comprises sterile receptacles (2) that are removably connected sealable and configured for use in an automated drug filling and assembly line.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014

(21) Application No.2279/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AN ACTUATOR APPARATUS AND A METHOD FOR INTEGRATING THIS ACTUATOR INTO TURBOMACHINERY

(51) International classification :F01D17/16,F01D9/02
(31) Priority Document No :CO2011A000038
(32) Priority Date :28/09/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/069002
Filing Date :26/09/2012
(87) International Publication No :WO 2013/045514
(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 :
Apparatus and method for integrating an actuator into turbo machinery and operating the actuator based on process fluid associated with the turbo machinery. The integrated actuator mechanism (204) includes an actuator casing; a balance drum (218) with labyrinth seals (214) and recovery spring (212) configured to apply force to the balance drum in the actuator casing; an actuation bar (206) connected to the balance drum and configured to move linearly in the direction of the balance drum; and a connection mechanism connecting a diverted portion of turbo machinery process fluid to the actuator casing for applying force in an opposite direction of the spring force to the balance drum. The labyrinth seals allow the diverted turbo machinery process fluid to bleed through and return to the turbo machinery.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2013

(21) Application No.2398/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SUBSTRATE FOR LIQUID CRYSTAL DISPLAY PANEL LIQUID CRYSTAL DISPLAY PANEL PROCESS OF MANUFACTURING SUBSTRATE FOR LIQUID CRYSTAL DISPLAY PANEL AND SUBSTRATE TESTING METHOD

(51) International classification :G02F1/1333,G02F1/13
(31) Priority Document No :2010219713
(32) Priority Date :29/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071699
Filing Date :22/09/2011
(87) International Publication No :WO 2012/043404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMAGISHI Shinji

(57) Abstract :
A liquid crystal display panel (1) is provided with a touch switch (50) which comprises a switch electrode (52) arranged on an active substrate (12) and a switch PS electrode (51) arranged on a counter substrate (11) wherein the switch electrode (52) and the active substrate (12) are so arranged as to be electrically connected to each other by pressing the active substrate (12) or the counter substrate (11). The liquid crystal display panel (1) is additionally provided with reflective films (39 38) which are respectively arranged on the active substrate (12) and the counter substrate (11) and respectively have the switch electrode (52) and the switch PS electrode (51) laminated thereon and reflect infrared ray emitted from a Fourier transform infrared spectrometer. It becomes possible to provide a technique that can determine the presence or absence of an alignment film on a touch switch that is arranged in a liquid crystal display panel having an in cell touch sensor function with high efficiency.

No. of Pages : 163 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2460/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DRIVE DEVICE FOR VEHICLE

(51) International classification :B60K17/12,B60K1/02,B60K6/365
(31) Priority Document No :2010222850
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/063739
Filing Date :15/06/2011
(87) International Publication No :WO 2012/042983
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SUZUKI Takabumi
2)AKIBA Yoshio
3)OOISO Keiichi

(57) Abstract :
An electric motor (2A) and a planetary gear speed reducer (12A) are arranged in that order from outside the vehicle width direction and an electric motor (2B) and a planetary gear speed reducer (12B) are arranged in that order from outside the vehicle width direction whereby the planetary gear speed reducers (12A 12B) are arranged between the electric motors (2A 2B). At least one part of the radial outside edge of a ring gear (24A) of the planetary gear speed reducer (12A) or of the radial outside edge of a ring gear (24B) of the planetary gear speed reducer (12B) is formed to be smaller than the smaller of the outermost radial edge (P1) of the electric motor (2A) and the outermost radial edge (P2) of the electric motor (2B). Radially outward of the ring gear (24A) of the planetary gear speed reducer (12A) or the ring gear (24B) of the planetary gear speed reducer (12B) is provided an offset space (OS) more recessed in the radial direction than an imaginary line segment (PL) connecting the outermost radial edge (P1) of the electric motor (2A) and the outermost radial edge (P2) of the electric motor (2B) and at least one part of a breather chamber (41) of a breather device (40) and at least one part of a strainer housing chamber (86) are arranged in the offset space (OS). By this means it is possible to expand the volume chamber communicating with the interior of the case.

No. of Pages : 64 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.1106/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRIC BRAKE DEVICE

(51) International classification :F16D66/00,F16D65/14,F16D65/18
(31) Priority Document No :2011154837
(32) Priority Date :13/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067448
Filing Date :09/07/2012
(87) International Publication No :WO 2013/008773
(61) Patent of Addition 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)TAKAHASHI Toru
2)MASUDA Yui

(57) Abstract :
Provided is an electric brake device configured so that a sensor for detecting the pressing force of a friction pad is less vulnerable to the frictional heat between the friction pad and the brake disc and can detect the pressing force of the friction pad with consistent accuracy. An electric brake device (1) has a rectilinear motion mechanism for converting the rotation of a rotating shaft (10) into the rectilinear motion of an outer ring member (12) and is configured so that the outer ring member (12) presses a friction pad (8) against the brake disc (2). The electric brake device (1) also has a reaction receiving member (14) for receiving a reaction force acting axially rearward when the friction pad (8) is pressed axially forward by the outer ring member (12). An affixed member (35) is provided axially behind the reaction receiving member (14) a row (37) of magnetic poles is provided to the reaction receiving member (14) and a magnetic sensor (38) is provided to the affixed member (35).

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.1427/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GAS TURBINE LIFE PREDICTION AND OPTIMIZATION DEVICE AND METHOD

(51) International classification :G05B23/02
(31) Priority Document No :CO2011A000032
(32) Priority Date :28/07/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/064621
Filing Date :25/07/2012
(87) International Publication No :WO 2013/014202
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DE PROSPERIS Roberto
2)DI SISTO Paolo
3)BORKOWSKI Maciej

(57) Abstract :
A device and computer based method for determining a residual life expectancy of a rotor of a gas turbine. The method receiving at the computer operating conditions of the gas turbine; receiving a gas turbine rotor inspection result; updating based on the operating conditions of the gas turbine and the gas turbine rotor inspection result a database for a fleet corresponding to the gas turbine; and calculating the residual life expectancy of the rotor of the gas turbine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2013

(21) Application No.154/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DYNAMICALLY LOADING GRAPH BASED COMPUTATIONS

(51) International classification :G06F9/44,G06F9/445
(31) Priority Document No :61/355129
(32) Priority Date :15/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040440
Filing Date :15/06/2011
(87) International Publication No :WO 2011/159759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BROMLEY H. Mark
3)MESARD Wayne
4)POPOV Arkadi
5)SCHMIDT Stephen
6)STANFILL Craig W.
7)WHOLEY III Joseph Skeffington

(57) Abstract :
Processing data includes: receiving units of work that each include one or more work elements and processing a first unit of work using a first compiled dataflow graph (160) loaded into a data processing system (100) in response to receiving the first unit of work. The processing includes: analysis to determine a characteristic of the first unit of work; identifying one or more compiled dataflow graphs from graphs stored in a data storage system (107) that include at least some that were compiled for processing a unit of work having the determined characteristic; loading one of the identified compiled dataflow graphs into the data processing system (100) as the first compiled dataflow graph (160); and generating one or more output work elements from at least one work element in the first unit of work.

No. of Pages : 56 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2014

(21) Application No.1711/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MIXING AND DISPENSING APPARATUS

(51) International classification :B67D5/56
(31) Priority Document No :13/239611
(32) Priority Date :22/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056862
Filing Date :24/09/2012
(87) International Publication No :WO 2013/048950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BAKER Anthony Walter

(57) Abstract :
A mixing and dispensing apparatus having first and second containers. The first container has a main body portion which retains a first substance. A separate compartment is located in the first container and an internal passageway is formed between the main body portion and the compartment. The second container is configured to retain a second substance and is compressible. The second container has a top end and a closed spout wherein the closed spout is located in the compartment with the spout extending through the internal passageway into the main body portion of said first container.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2013

(21) Application No.2767/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRONIC DEVICE AND ELECTRONIC COMPONENT

(51) International classification :H01L21/60
(31) Priority Document No :2010229382
(32) Priority Date :12/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071598
Filing Date :22/09/2011
(87) International Publication No :WO 2012/049954
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HONDA Tomokazu
2)KOBAYASHI Yoshihiro
3)HONDA Ryogo

(57) Abstract :
To increase the height of a solder bump even if an interval between electrodes in an electronic component is small. [Solution] Provided is an electronic device which is provided with: an IC chip (100) which has a chip main body (101) a plurality of electrodes (102) formed on the chip main body (101) and a protection film (103) formed to cover the surface of the chip main body (101) with openings at the electrodes (102); a substrate (200) having a plurality of substrate electrodes (202) that are disposed to face the electrodes (102); and a plurality of solder bumps (300) which electrically connect together the electrodes (102) and the substrate electrodes (202). The bonding area between each of the solder bumps (300) and each of the electrodes (102) is smaller than the opening area of the protection film (103).

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

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

(21) Application No.1007/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PASSIVATING METALLIC SURFACES USING CARBOXYLATE CONTAINING COPOLYMERS

(51) International classification :C23C22/53,C23C22/56,C23C22/74
(31) Priority Document No :11 177 092.1
(32) Priority Date :10/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065452
Filing Date :07/08/2012
(87) International Publication No :WO 2013/020980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FLEISCHHAKER Friederike
2)SCHADE Christian

(57) Abstract :
The invention relates to a method for passivating metal surfaces in particular strip metals by treating the surface in alternating layers with a) an acidic aqueous preparation containing at least one water soluble acid group containing copolymer (A) and b) an aqueous preparation containing at least one species (B) which is soluble and/or dispersible in water and which has cationic and/or procationic groups preferably a cationic and/or procationic polymer (B1) said preparation a) always being the first and the last layer.

No. of Pages : 27 No. of Claims : 12

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

(21) Application No.1034/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LUBRICATING OIL FOR ROLLING AND ROLLING METHOD

(51) International classification :C10M171/00,B21H3/02,C10M101/02
(31) Priority Document No :2011167468
(32) Priority Date :29/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068871
Filing Date :25/07/2012
(87) International Publication No :WO 2013/018624
(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)AMANO Shuichi
5)USUNAMI Shoichi
6)NAGAKI Shigeru
7)GOTO Ryuichi

(57) Abstract :
Provided are lubricating oil for rolling said lubricating oil being characterized by comprising a mineral oil and/or a synthetic oil as the main component and having a friction coefficient of 0.2 or greater and a rolling method using the lubricating oil for rolling.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.1487/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SPACE FOR ROLLING BEARING HAVING AT LEAST A REINFORCING BEAM

(51) International classification :F16C33/00
(31) Priority Document No :13160802.8
(32) Priority Date :25/03/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)PASCAL OVIZE
4)PASCAL VIOUX

(57) Abstract :
The spacer is adapted for a rolling bearing comprising an inner ring, an outer ring and at least one row of contact rollers disposed between raceways provided on the rings. The spacer comprises opposite first and second portions 11,12 facing one another and at least a first lateral portion 13 extending transversally between the first and second portions and connected to said portions. The first and second portions and the first lateral portion delimit at least partly a pocket 14 laterally open on the side opposite to said lateral portion 13 and configured to receive at least a contact roller. The first and second portions each comprise an inner contact surface 11a, 12a with an end face of said roller. The spacer further comprises at least one reinforcing beam 16, 17 extending transversally between the first and second portions and connected to said portions.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.1602/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND BENTAZON

(51) International classification :A01N43/90,A01N43/88,A01N43/54
(31) Priority Document No :61/378130
(32) Priority Date :30/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049480
Filing Date :29/08/2011
(87) International Publication No :WO 2012/030684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MANN Richard K.
2)HUANG Yi hsiou

(57) Abstract :
A synergistic mixture of penoxsulam and bentazon controls weeds in crops especially rice and other cereal and grain crops pastures rangelands IVM and turf. In addition to providing improved post emergence herbicidal weed control the mixture safens damage to rice.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2257/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR MAKING TERTIARY AMINOALCOHOL COMPOUNDS

(51) International classification	:C07C213/00,C07C215/08,C07C215/20
(31) Priority Document No	:61/386664
(32) Priority Date	:27/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/052566 :21/09/2011
(87) International Publication No	:WO 2012/044508
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)MOORE David W.
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3)PEERA Asghar A.

(57) Abstract :
Provided is a process for making a tertiary aminoalcohol compound. The process comprises using an excess amount of a carbonyl compound in a condensation step between the carbonyl compound and a nitroalkane and conducting a hydrogenation/alkylation step to produce the tertiary aminoalcohol. The process uses fewer steps than conventional processes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2013

(21) Application No.2877/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTROPHOTOGRAPHIC PHOTOSENSITIVE MEMBER, PROCESS CARTRIDGE, AND ELECTROPHOTOGRAPHIC APPARATUS

(51) International classification :G03G5/09
(31) Priority Document No :2012-147161
(32) Priority Date :29/06/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KUNIHIKO SEKIDO
4)MICHIYO SEKIYA
5)YOTA ITO
6)KENICHI KAKU
7)HIROYUKI TOMONO
8)YUKA ISHIDUKA

(57) Abstract :
An electrophotographic photosensitive member comprises a support, an undercoat layer formed on the support, and a photosensitive layer formed on the undercoat layer, wherein the undercoat layer has a structure represented by the formula (CI) or the formula (C2).

No. of Pages : 120 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013

(21) Application No.2136/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ANTIMICROBIAL DISPOSABLE ABSORBENT ARTICLES

(51) International classification :A61L15/26,A61L15/46
(31) Priority Document No :12/884341
(32) Priority Date :17/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051303
Filing Date :13/09/2011
(87) International Publication No :WO 2012/037065
(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)STATHAM Alexis S.
4)SVAROVSKY Michael J.
5)WOOD Leigh E.

(57) Abstract :
Disposable absorbent articles comprising an absorbent material and an antimicrobial composition are disclosed. The antimicrobial composition includes a carrier comprising fatty alcohol and a poly(alkyleneoxy) polymer and an antimicrobial agent. The antimicrobial composition may be coated on to component substrates such as nonwovens and films that are incorporated into disposable absorbent articles such as disposable infant diapers adult incontinence articles feminine hygiene articles such as sanitary napkins wound dressings bandages panty liners and tampons personal care wipes and household wipes to provide odor control and control of microbial growth.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013

(21) Application No.2311/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METERING DISPENSER

(51) International classification :B05B11/00
(31) Priority Document No :20 2010 011 715.1
(32) Priority Date :23/08/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004226
Filing Date :23/08/2011
(87) International Publication No :WO 2012/031687
(61) Patent of Addition 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)HOLZMANN Werner

(57) Abstract :
For the straightforward easy to assemble construction of a metering dispenser (1) for dispensing a substance consisting of a number of components having at least two containers (6a 6b) in an outer sleeve (8) for accommodating the components of the substance and having a pumping unit (2a 2b) on each of the containers (6a 6b) and having an adjusting device (3) which makes it possible to adjust the quantity ratio of the components in relation to one another and having a movable actuating device (4) for the pumping units (2a 2b) and/or containers (6a 6b) and having a dispenser element (5) for the substance which is to be dispensed by the metering dispenser (1) it is proposed to provide a force transmission element (7) in particular in the form of an intermediate wall which with the actuating device (4) activated can be displaced relative to the outer sleeve (8) and in the axial direction (A) of the metering dispenser (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2435/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DISPLAY DEVICE

(51) International classification :G09G3/36,G02F1/133,G09G3/20
(31) Priority Document No :2010239196
(32) Priority Date :26/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/074254
Filing Date :21/10/2011
(87) International Publication No :WO 2012/057013
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUJINE Toshiyuki

(57) Abstract :
Provided is a display device compatible with RGBY RGBW and other multiple primary color displays wherein a desired primary color to white brightness ratio can be obtained. The display device comprises: a display panel that displays images using pixels that include sub pixels comprising 4 or more primary colors; and a signal adjustment unit (3) that adjusts image signals comprising brightness signals and color difference signals such that the primary color to white brightness ratio when displaying images in the display panel approaches a value stipulated in a prescribed image signal format. The signal adjustment unit (3) comprises: a brightness gamma adjustment unit (33) that adjusts the gamma of brightness signals and reduces brightness levels; a color gain adjustment unit (34) that increases the color gain of color difference signals for image signals for which the brightness levels of brightness signals has been reduced; and a CMS unit (35) that for image signals in which the color difference signal color gain has been increased adjusts the gain for each color component of color difference signals such that the primary color to white brightness ratio becomes closer to a value specified in a prescribed image signal format.

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2014

(21) Application No.2898/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR REMOVING DELIVERY MEMBER SHIELDS

(51) International classification :A61M5/32
(31) Priority Document No :11509627
(32) Priority Date :17/10/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/051051
Filing Date :02/10/2012
(87) International Publication No :WO 2013/058697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HOLMQVIST Anders

(57) Abstract :
The present invention relates to a device for removing delivery member shields which are intended to cover and protect delivery members said device comprising a remover body arranged to accommodate a delivery member in its interior. The invention is characterised in that the remover body comprises at least two sets of gripping members extending into its interior and wherein each set of gripping members is configured for gripping a certain type of delivery member shield.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2014

(21) Application No.2900/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LAYER DECOMPOSITION IN HIERARCHICAL VDR CODING

(51) International classification :H04N7/26
(31) Priority Document No :61/555978
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062932
Filing Date :01/11/2012
(87) International Publication No :WO 2013/067101
(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)HULYALKAR Samir N.
4)CHEN Tao
5)GISH Walter C.
6)KOEPFER Hubert

(57) Abstract :
Techniques use multiple lower bit depth codecs to provide higher bit depth high dynamic range images from an upstream device to a downstream device. A base layer and one or more enhancement layers may be used to carry video signals wherein the base layer cannot be decoded and viewed on its own. Lower bit depth input image data to base layer processing may be generated from higher bit depth high dynamic range input image data via advanced quantization to minimize the volume of image data to be carried by enhancement layer video signals. The image data in the enhancement layer video signals may comprise residual values quantization parameters and mapping parameters based in part on a prediction method corresponding to a specific method used in the advanced quantization. Adaptive dynamic range adaptation techniques take into consideration special transition effects such as fade in and fade outs for improved coding performance.

No. of Pages : 50 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2014

(21) Application No.2901/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PREPARING TRIALKYL COMPOUNDS OF METALS OF GROUP IIIA

(51) International classification :C07F5/00,C23C16/00
(31) Priority Document No :10 2011 119 487.1
(32) Priority Date :28/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/073771
Filing Date :28/11/2012
(87) International Publication No :WO 2013/083449
(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)FREY Annika
4)BURKERT Tobias
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6)DOPPIU Angelino

(57) Abstract :
The invention relates to a process for preparing trialkylmetal compounds of the general formula RM (where M = metal of group llIA of the Periodic Table of the Elements (PTE) preferably gallium or indium and R = C C alkyl preferably methyl or ethyl). The process is based on the reaction of metal trichloride (MeCl) with alkylaluminium sesquichloride (RAICI) in the presence of at least one alkali metal halide as auxiliary base. The reaction mixture is heated to a temperature above 120°C and the trialkylmetal compound is separated off from the reaction mixture via a separator with partially alkylated products being at the same time recirculated to the reaction mixture. In a further step the reaction mixture is heated to a maximum of 350°C and the remaining alkylated and partially alkylated products are separated off. The products obtained in this way can optionally be recycled in the process. The process displays a high yield of trialkylmetal compound and also a high metal utilization; the products are used as precursors for MOCVD processes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2012

(21) Application No.2971/CHE/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF CONNECTING DEVICES BY RECONFIGURABLE ARCHITECTURES AND APPLICATIONS

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

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1)K RAVINDRA SHETTY
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3)SHRUTHI. KALLURAYA B

(57) Abstract :
A novel method for an integrated, interoperable and reconfigurable architecture/s and applications for controling device and its operation has been proposed. These find huge application in an emerging practice of increased automation of household appliances and features in residential dwellings, office and enterprise scenerios, particularly through electronic means that allow for things impracticable. User have various method of accessing the system either by touch screen icons with words, stylus, voice or gesture recognition or radio pointers or keypads, motion based, the user-selection communicatively coupled to the reconfigurable software utilities, the software utilities further coupled to drivers, reconfigurable hardware slots, ports, hardware and operating system further coupled to a plurality of devices. This reconfigurable hardware (embedded in the system or connected through ports) and application softwares operate or actiavate any radio-frequency (RF) signal or an infra-red signal or a GSM signal or any wireless signal with appropriate protocols or zigbee or similar signal bluetooth, will, wimax or microwave signal or audio signal or video signal or combination thereof, and the range of the signal is across the globe. Devices will work in any of the operating systems. In few cases reconfigurable hardware and applications automatically operate through inter wireless frequency bands and few other communication technologies. All the communication signal in any part of any system or any device is encrypted and decrypted appropriately, so that signal will not interfere with any of the similar frequency signals. Periodically or in an autmated mode, system and device communicate in a two way communication mode to share device status, sensor and other parameters and power consumption parameters to display or centrally monitoring systems

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2014

(21) Application No.1654/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ADAPTIVE CONTROL DEVICE AND ADAPTIVE CONTROL METHOD AS WELL AS CONTROL DEVICE AND CONTROL METHOD FOR INJECTION MOLDING MACHINE

(51) International classification :G05B13/02
(31) Priority Document No :2011186989
(32) Priority Date :30/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004698
Filing Date :24/07/2012
(87) International Publication No :WO 2013/031082
(61) Patent of Addition 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)FUJIMOTO Hiroaki
3)MASAOKA Koichi
4)KATOH Takehisa
5)OHTSUKA Shuhei

(57) Abstract :
Provided are an adaptive control device and adaptive control method as well as a control device and control method for an injection molding machine capable of preventing a loss in responsiveness while optimal adaptive control is carried out in an automatic and simple manner. An adaptive control device for carrying out feedback control so that an operation value (u) is outputted on the basis of a command value (r) and a feedback value (y) in which a compensation value (y) outputted from a parallel feed forward compensator (4) is added to a control value (y) outputted from a control target (2) wherein the parallel feed forward compensator (4) is provided with an identification mechanism (6) for sequentially estimating frequency response characteristics of the control target (2) and an adjustment mechanism (7) for adjusting the compensation value (y) on the basis of the frequency response characteristics.

No. of Pages : 65 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/03/2014

(21) Application No.1655/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CALIBRATION AND PROGRAMMING OF ROBOTS

(51) International classification :B25J9/16,G05B19/408
(31) Priority Document No :61/540150
(32) Priority Date :28/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/068337
Filing Date :18/09/2012
(87) International Publication No :WO 2013/045314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)S˜E KNUDSEN Rune
2)˜STERGAARD Esben Hallundb¦k
3)PETERSEN Henrik Gordon

(57) Abstract :
The invention pertains to a method of calibrating robots without the use of external measurement equipment. The invention furthermore pertains to a method of copying working programs between un calibrated robots. Both methods utilize the properties of a closed chain and the relative position of the links in the chain in order to update the kinematic models of the robots

No. of Pages : 55 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.1993/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FUEL INJECTION VALVE

(51) International classification :F02M51/06,F02M63/00,H01F7/16
(31) Priority Document No :10 2010 040 916.2
(32) Priority Date :16/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/062782
Filing Date :26/07/2011
(87) International Publication No :WO 2012/034755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAIER Martin
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6)LANDER Juergen

(57) Abstract :
The invention relates to a fuel injection valve for fuel injection systems in internal combustion engines. The valve comprises an electromagnetic actuation element that includes a solenoid (1) a solid core (2) an outer magnetic circuit component (5) and a movable armature (17) for actuating a valve closing member (19) which cooperates with a valve seat surface (16) on a valve seat member (15). The valve is characterized by its extremely small outer dimensions. By optimizing the size of the electromagnetic circuit the outer diameter D of the outer magnetic circuit component (5) can be kept to a maximum of 11 mm in the circumferential zone of the solenoid (1) which significantly increases the flexibility for mounting fuel injection valves having different lengths said different lengths being perfectly possible as a result of the special modular design. As a fuel injection valve the disclosed valve is particularly suitable for fuel injection systems in mixture compressing internal combustion engines with externally supplied ignition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.3001/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SHALLOW METALLURGICAL WIRE INJECTION METHOD AND RELATED DEPTH CONTROL

(51) International classification :B66D
(31) Priority Document No :61/668,954
(32) Priority Date :06/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Patrice Collart

(57) Abstract :
A method and system for dispensing an additive wire involves use of a lance for delivering the additive wire and determination of location data wth respect to a surface of a metallurgical melt into which the lance is placed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.3075/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SUPPORTING FRAME STRUCTURE WITH UPWARDLY CRANKED SUPPORTING PORTIONS

(51) International classification :B62D21/00
(31) Priority Document No :10 2012 013 910.1
(32) Priority Date :13/07/2012
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SATTLER, STEVE
2)HINTEREDER, JURGEN

(57) Abstract :
The invention relates to a supporting frame structure (1) for a utility vehicle in particular heavy goods vehicle, preferably semitrailer tractor. The supporting framestructure (1) comprises a first longitudinally running supporting construction (10) and a second longitu dinally running supporting construction (20), said supporting constructions being spaced apart from one another in a transverse direction (QR) of the supporting frame structure (1). The supporting frame structure (1) furthermore comprises wheel suspension units (RA) for front wheels (Rv) for the utility vehicle. The first supporting construction (10) and the second supporting construction (20) are guided upwards so as to form a raised SUD porting structure (100).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2239/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM FOR INTERCONNECTING NODES ATTACHED TO A PASSIVE OPTICAL NETWORK

(51) International classification :H04J14/02,H04Q11/00
(31) Priority Document No :11182745.7
(32) Priority Date :26/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/068975
Filing Date :26/09/2012
(87) International Publication No :WO 2013/045499
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KIESS Wolfgang

(57) Abstract :
A system for interconnecting one or more leaf nodes attached to the leaves of an optical distribution network (ODN) comprising: A first and a second optical distribution network respectively comprising a remote node for distributing signals from a central office and/or an optical line terminal to a plurality of leaf nodes connected to said optical distribution network; a link connecting a first leaf node connected to the first optical distribution network to a second leaf node connected to the second optical distribution network wherein the remote node of the second optical distribution network is adapted to forward an optical signal from said second leaf node which has received the signal from said first leaf node to the other leaf nodes of said second optical distribution network.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.246/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CLAMPING DEVICE

(51) International classification	:H02J	(71)**Name of Applicant :**
(31) Priority Document No	:10 2013 001 125.6	**1)NORMA GERMANY GMBH** Address of Applicant :EDISONSTRASSE 4, 63477 MAINTAL Germany
(32) Priority Date	:23/01/2013	
(33) Name of priority country	:Germany	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)HENRICH, DETLEF**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A clamping device is disclosed with a clamping band (2) having a first end (4) and a second end (5) and a tensioning head (6) having a housing (7) which is attached to the clamping band (2) in the region of the first end (4) and through which the second end (5) of the clamping band (2) can be guided, wherein the clamping band (2) has on at least one surface an engagement geometry (3) that can be engaged with an engagement element in the housing (7). The object is to be able to achieve a high tension force with a predetermined variation capability of the diameter. For this purpose, it is provided that the engagement element is embodied as a clamping screw (9) that is connected to the housing (7) by a flexible connection, wherein the clamping screw (9) can be swiveled between a pull-through position, in which the clamping band (2) can be pulled through the housing (7), and an engagement position, in which the clamping screw (9) is engaged with the engagement geometry (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.3048/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITION MANAGER CAMERA

(51) International classification :H04N
(31) Priority Document No :12181384.4
(32) Priority Date :22/08/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Adrian Nita
3)Adrian Boak
4)Michael Alexander Van Reenen
5)Neil John Graham

(57) Abstract :
A system and method may be provided to access images through a camera service, where the images are generated by a non-sensor image source, such as a composition manager. The system may include the camera service and the non-sensor image source. The non-sensor image source may generate a processed image from a source other than a sensor. The camera service may provide the processed image generated by the non-sensor image source to an image consuming application.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.3116/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRASH AUTO-WEIGHING

(51) International classification :G01G21/00
(31) Priority Document No :201210251021.1
(32) Priority Date :19/07/2012
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CRAPS, JONATHAN W.
3)ZHAO, WEICHANG
4)EASTERDAY, WILLIAM C.
5)DEHKORDI, PEYMAN
6)GHORASHI, HOSSEIN, M.

(57) Abstract :
The weighing apparatus is for automatically weighing trash that is separated from a fiber sample. It includes a scale, a weigh pan disposed on the scale, a cleaner for passing a cleaning element across a surface of the weigh pan when the scale is not taking a weight measurement, and a controller for selectively controlling operations and sequencing of the scale and the cleaner.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.3117/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRIC PROTECTION ENCLOSURE COMPRISING A MOVABLE GAS REMOVAL FLAP

(51) International classification :H04N5/00
(31) Priority Document No :12 56872
(32) Priority Date :17/07/2012
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LAYE, JEROME

(57) Abstract :
A protection enclosure (10) of a medium-voltage apparatus comprises a flap (20) able to move between a position blanking off an opening (16) made in the enclosure (10) and an open position in which the flap (20) does not blank off the passage formed by the opening (16). The flap (20) is secured to the panel (14) of the enclosure by linking means keeping the flap (20) in the closed position when the pressure inside the enclosure (10) is lower than a predefined value. The linking means (40) are designed for movement by sliding of the flap (20) with limitation of its travel, and comprise deformable elements able to be deformed when the pressure inside the enclosure (10) is greater than said predefined value.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014

(21) Application No.2277/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CHROMATOGRAM DATA PROCESSING DEVICE AND PROCESSING METHOD

(51) International classification :G01N30/86
(31) Priority Document No :2011193263
(32) Priority Date :05/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/072151
Filing Date :31/08/2012
(87) International Publication No :WO 2013/035639
(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)MIURA Hiroshi
4)MISHIMA Kenichi
5)YANAGISAWA Toshinobu

(57) Abstract :
A chromatogram data processing device (2) which is an embodiment of the present invention comprises an impurity detection unit (30) which further comprises a differential chromatogram creation unit (25) and an assessment unit (26). The differential chromatogram creation unit (25) obtains a wavelength differential coefficient by deriving an absorbance spectrum in each measurement time for the maximum (or minimum) absorption wavelength of an objective component in the wavelength direction and creates a differential chromatogram which represents a change over time of the wavelength differential coefficient. The assessment unit (26) assesses whether the objective component peak includes an impurity on the basis of the shape of the created differential chromatogram. It is thus possible to assess with high precision whether an impurity is included in the objective component peak without requiring a complicated calculation process.

No. of Pages : 70 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2278/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LINKING ON LINE ANALYSIS AND TRACER TECHNOLOGY

(51) International classification :G01N21/85,G01N21/31
(31) Priority Document No :10382253.2
(32) Priority Date :21/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/052351
Filing Date :20/09/2011
(87) International Publication No :WO 2012/040203 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)COMAS Enric

(57) Abstract :
The present invention relates to a method of obtaining value from providing fabrication equipment comprising the following steps. Fabrication equipment is provided to an article producer which equipment includes an on line analyzer for detecting the presence of a tracer element. Raw material which contains the proprietary tracer element is then provided to the article producer. The article producer is then allowed to begin to convert the raw material to a finished article using the fabrication equipment. The raw material is analyzed for the presence of the tracer element while the fabrication equipment is operated. Appropriate action such as charging a royalty or shutting down the fabrication equipment is then taken in the event the tracer element is not detected.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2451/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROGRAMMABLE CONTROLLER

(51) International classification :G06F12/00,G05B19/05
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/068181
Filing Date :15/10/2010
(87) International Publication No :WO 2012/049773
(61) Patent of Addition 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)CHIBA Yasuhiko

(57) Abstract :
To decode a title of a file set at a PLC2 itself to the same title even if the PLC2 is connected to a plurality of external devices which use different character code sets the PLC2 is provided with a system unit (41) which uses a multiple language character code set (A) to operate a control file; a character code conversion table (44) in which a character code for a plurality of character code sets is mapped to each character; and a character code management unit (42) which when forwarding the title of the control file for an object to be accessed between the external device that uses the local character code set (A) and the system unit(41) uses the character code conversion table (44) to convert the descriptor of the title of the control file between a descriptor in the multiple language character code set (A) and a descriptor in the local character set (A).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.3207/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification :H01R13/00
(31) Priority Document No :2012-173024
(32) Priority Date :03/08/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KUROKI, KAZUHIRO
4)EGAWA, SATORU
5)YANO, JUNYA
6)ENAMI, SHINGO

(57) Abstract :
A motor-driven compressor includes a compression unit, an electric motor, a housing, a cover, wherein the cover includes a main body and a connector coupler, and the cover and the housing define an accommodating chamber, a motor driving circuit that is accommodated in the accommodating chamber and includes a circuit board, and a metal terminal held in the connector coupler, wherein the metal terminal includes first and second end portions. The cover has a shield including a first shield portion, which blocks electromagnetic noise and forms at least part of the connector coupler, and a second shield portion, which blocks electromagnetic noise and forms at least part of the main body. The first and second shield portions are coupled to each other. The second shield portion includes an insertion hole into which one of the first and second end portions of the metal terminal is insertable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014

(21) Application No.2327/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TITANIUM ALUMINIDE ARTICLES WITH IMPROVED SURFACE FINISH AND METHODS FOR THEIR MANUFACTURE

(51) International classification :B24B1/00,B24B19/14,C22F1/18
(31) Priority Document No :13/250231
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053297
Filing Date :31/08/2012
(87) International Publication No :WO 2013/048670
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KNUDSEN Bruce
2)BEWLAY Bernard Patrick

(57) Abstract :
Titanium containing articles having improved surface finishes and methods for improving surface finishes on titanium containing articles are provided. One method includes passing an abrasive medium across a surface of an titanium aluminide alloy containing article for example a turbine blade at high linear speed; deforming the surface of the titanium aluminide alloy containing article with the abrasive medium and reducing a surface roughness of the surface of the titanium aluminide alloy containing article and improving the surface finish of the surface. Surface finishes of 20 microinches Ra or less can be obtained. Though aspects of the invention can be used in fabricating high performance turbine blades the methods disclosed can be applied to the treatment of any titanium containing article for which it is difficult to obtain an improved surface finish.

No. of Pages : 41 No. of Claims : 29

CONTINUED TO PART- 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014
(21) Application No.2328/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DESALINATION SYSTEM WITH ENERGY RECOVERY AND RELATED PUMPS VALVES AND CONTROLLER

(51) International classification :F16K31/363,F16K31/383
(31) Priority Document No :13/250674
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057813
Filing Date :28/09/2012
(87) International Publication No :WO 2013/049500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHILDS Willard D.

(57) Abstract :
A fluid pumping system with energy recovery features may be used to provide feed water to a reverse osmosis unit. The system includes an electronic controller unit (100) that regulates the output of three hydraulic pumps (12). Each hydraulic pump (12) drives the movement of a piston in a cylinder. The pistons collectively deliver a generally constant flow of high pressure feed water to the reverse osmosis unit. Concentrate valve bodies direct concentrate from the reverse osmosis unit to the back sides of the pistons to reduce the work required from the hydraulic pumps. The concentrate valve bodies are designed to open and close based upon the flow of concentrate through the valve bodies. The piston and cylinder are designed for exposure to sea water and RO brine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.3202/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PREDICTING THE EFFICIENCY OF A TIO2 PHOTOCATALYST

(51) International classification :B01J
(31) Priority Document No :12382289.2
(32) Priority Date :19/07/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOURDES F. VEGA
3)CLAUDIO ROSCINE
4)JORDI HERNANDO
5)JOSE LUIS BOURDELANDE

(57) Abstract :
The present invention relates to a method for predicting the efficiency of a TiO2 photocatalyst in a light-induced reaction

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013

(21) Application No.3277/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PATTERN WARPING MACHINE

(51) International classification :D02H3/00
(31) Priority Document No :13 001 540.7
(32) Priority Date :26/03/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FUHR, MARTIN

(57) Abstract :
A pattern warping machine is specified, with a warping drum which has an axis of rotation and a circumference, on which are arranged transport surfaces movable parallel to the axis of rotation, and with a thread guide arrangement having at least one thread guide which is displaceable between a working position, in which it guides a thread onto the circumference of the warping drum, and a rest position, in which it guides the thread in front of an end face of the warping drum, the warping drum and the thread guide arrangement being rotatable in relation to one another, and a thread take-up device 8 being arranged on the end face of the warping drum. It is desirable to achieve a good winding quality even in the case of a large number of threads. For this purpose, it is suggested that the thread take-up device (8) be subdivided into at least two sections, of which one section is designed as a take-up section (10) and one section as a transport section (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013

(21) Application No.3278/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOBILE SAVINGS ACCOUNT

(51) International classification :G06Q20/00
(31) Priority Document No :1212918.5
(32) Priority Date :20/07/2012
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CORNFORTH, PETER
2)DOWNING, JASON
3)REEVE, GREGORY

(57) Abstract :
System and method of operating a savings account 20 within a mobile telephone based money transfer system. Receiving separate payments across the mobile telephone based money transfer system from a plurality of contributors. Crediting the received separate payments to the savings account 20

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

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

(21) Application No.1039/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR RETRACTING A MOVABLE FURNITURE PART INTO A CENTRAL POSITION

(51) International classification :E05F1/16,E05F5/00,E05F5/02
(31) Priority Document No :10 2011 052 756.7
(32) Priority Date :16/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/065185
Filing Date :02/08/2012
(87) International Publication No :WO 2013/023934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MONTECHIO Andreas
2)NOLTE Frank

(57) Abstract :
The invention relates to a device for retracting a movable furniture part in particular a sliding door into a central position comprising a carrier (20) which is guided such as to be laterally movable in a housing (10) of the device (1) and a central slide (30) which is coupled to the carrier and guided in a laterally movable manner. The device also has two side slides (40 50) which are guided in a laterally movable manner and which are arranged at a distance from each other in a movement direction x wherein the side slides (40 50) are coupled to each other by means of an energy storage assembly (70) by means of which a force from one of the side slides (40 50) acts in the direction of the other side slide (50 40). For each one of the side slides (40 50) a respective control slider (400 500) is provided. When the central slide (30) moves out of the central position the particular side slide (40 50) in the direction of which the central slide (30) moves is coupled to the central slide (30) by the control slider (400 500) whereas the other side slide (40 50) is fastened to the housing (10).

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

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

(21) Application No.1076/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING ALMOST BLANK SUBFRAMES

(51) International classification :H04W72/04
(31) Priority Document No :61/524292
(32) Priority Date :16/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049897
Filing Date :08/08/2012
(87) International Publication No :WO 2013/025405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JIANG Qi
3)WANG Dongyao
4)WANG Jun
5)SHEN Gang
6)HU Teck

(57) Abstract :
The present application describes embodiments of methods and apparatuses for controlling communications within a first cell that is overlapped by a second cell. One embodiment of the method includes receiving a signal at the second cell indicating a number of devices selected to communicate with the first cell and identifying a set of subframes during which communications are permitted to take place within the first cell based on the number of devices selected to communicate with the first cell. This embodiment of the method also includes delivering an indication of the set of subframes to the first cell.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014

(21) Application No.2264/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR TREATING SOLID WASTE BASED ON A GRADIENT COMPOSED OF TWO DIFFERENT HEAT SOURCES

(51) International classification :B09B3/00
(31) Priority Document No :BRPI11042192
(32) Priority Date :25/08/2011
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2012/000094
Filing Date :04/04/2012
(87) International Publication No :WO 2013/026110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PEREIRA FILHO Alberto Carlos

(57) Abstract :
Method for treating solid waste based on a gradient composed of two different heat sources particularly of a sequenced technological assembly which is capable of processing solid waste of any type which operates by means of a reactor (1) with two chambers (2 and 3) each chamber having a heat source (4 and 5) in which a thermal gradient is generated followed by a heat exchanger (6) where the gases are suddenly cooled continuing on to a neutralization tank (7) for subsequent directing to an activated charcoal filter (8) by virtue of the action of a blower (9) in order ultimately to enter a burner (10) that works under electric discharge passing via a catalyst (11) and flue (12) for release in a totally inert state to the atmosphere.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2013

(21) Application No.3313/CHE/2013 A
(43) Publication Date : 10/10/2014

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

(51) International classification :B62K11/00
(31) Priority Document No :2012-171439
(32) Priority Date :01/08/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ISOMURA, MAMORU
3)WAKABAYASHI, SHINICHI
4)KUSANO, TAKUHEI
5)SUZUKI, TOSHIYA

(57) Abstract :
To provide a saddle-ride type vehicle capable of arranging a fuel pump with largest possible capacity in a limited space above a crankcase. [Constitution] A hanger boss 36 extending backward is integrally formed in a cylinder section 29, a cylinder hanger 34 connected to the hanger boss 36 and hanging the cylinder section 29 is attached to a vehicle body frame, a fuel pump bracket 50 for supporting the fuel pump 47 is attached to either one of right and left center frames 8L, 8R, and the fuel pump 47 is supported by the fuel pump bracket 50 in a position backward of the cylinder section 29 and above the crankcase 28 in a state where the longitudinal direction thereof is inclined relative to the vertical direction so that a part thereof is positioned below the cylinder hanger 34 in the front view.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.1088/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR GLOBAL TRANSFERS

(51) International classification :G06Q40/04
(31) Priority Document No :61/513171
(32) Priority Date :29/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048804
Filing Date :30/07/2012
(87) International Publication No :WO 2013/019709
(61) Patent of Addition 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)HIBBARD Mark

(57) Abstract :
A global transfers computer system is configured to facilitate global transfers for customers having a plurality of accounts with different entities in different countries. The global transfer may be a foreign exchange (FX) transfer or a non FX transfer. The global transfers computer system includes a customer database a user interface and at least one computer implementing a global customer data computer application a global transfers computer application and/or a foreign exchange computer application. Various embodiments are described including a computer implemented method for performing global transfers using a global transfers computer system.

No. of Pages : 58 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.1455/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS FOR DECODING MERGE MODE MOTION INFORMATION

(51) International classification :H04N7/32
(31) Priority Document No :1020110086524
(32) Priority Date :29/08/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/000523
Filing Date :20/01/2012
(87) International Publication No :WO 2013/032074
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KIM Kwangje
2)OH Hyunoh

(57) Abstract :
Disclosed is an apparatus for decoding merge mode motion information for recovering a video signal which is encoded at a low data rate while maintaining high image quality. The apparatus for decoding the merge mode motion information discloses a location of a merge mode candidate and a candidate configuration so as to efficiently predict motion information in a merge mode. Also a merge candidate indicated by a merge index of a current block can be efficiently recovered regardless of network environment by adaptively generating the merge candidate in accordance with the number of merge candidates that are valid.

No. of Pages : 59 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2014

(21) Application No.1626/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING DEVICE AND IMAGE DECODING DEVICE

(51) International classification :H04N7/32,H04N11/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/075725
Filing Date :08/11/2011
(87) International Publication No :WO 2013/069095
(61) Patent of Addition 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)YAMAKAGE Tomoo

(57) Abstract :
The present invention aims to reduce a memory-bandwidth during image coding. An image coding method includes an acquiring step and a generating step. The acquiring step includes acquiring a reference image. The generating step includes generating a predicted image having resolution larger than that of the reference image, by performing an interpolation to the acquired reference image according to a motion vector for each of the luminance component and the color difference component. The generating step includes generating the predicted image having the color difference component without performing a specific interpolation that means the interpolation processing in which a number of pixels to be accessed in the reference image is large, when a size of a block designated as a unit of the interpolation is smaller than a predetermined threshold value.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.3331/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMMUNICATIONS NETWORK, COMPUTER ARCHITECTURE, COMPUTER-IMPLEMENTED METHOD AND COMPUTER PROGRAM PRODUCT FOR DEVELOPMENT AND MANAGEMENT OF FEMTOCELL-BASED APPLICATIONS

(51) International classification	:H04N19
(31) Priority Document No	:12 425 191.9-1957
(32) Priority Date	:30/11/2012
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)Alessandro IMPARATO
4)Daniele D™ERRICO
5)Gianluca D™ANGELO

(57) Abstract :
In one aspect, the present application is directed to a communications network, a computer architecture, a computer-implemented method, and a computer program product for development and management of femtocell-based applications. In one aspect, the communications network may comprise at least one femtocell; a mobile operator network; and a computer architecture integrated in the mobile operator network, wherein the computer architecture is operable to support development and lifecycle management of at least one femtocell-based application for the at least one femtocell

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

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

(21) Application No.2834/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LOW COST MULTI FUNCTIONAL HEATSINK FOR LED ARRAYS

(51) International classification :F21V29/00,F21Y101/02
(31) Priority Document No :10188362.7
(32) Priority Date :21/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/054532
Filing Date :13/10/2011
(87) International Publication No :WO 2012/052889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STADLER Florian

(57) Abstract :
A lighting device having a cell structure (101) of polygonal cells (105) which is a heat sink and light sources (103) arranged to be cooled by the cell structure. The light sources are arranged in at least some of the cells one light source in each cell. The light sources are attached to the cell structure and electrically connected with the cell structure which in turn is arranged to provide the light sources with power.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2014

(21) Application No.2903/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PERFUMING COMPOSITIONS AND USES THEREOF

(51) International classification :A61K8/34,A61K8/37,A61Q13/00
(31) Priority Document No :11186885.7
(32) Priority Date :27/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/070990
Filing Date :23/10/2012
(87) International Publication No :WO 2013/060691
(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)BONNUS Sophie
4)MOUNIER Rmy
5)FURRER Anton
6)BERTHIER Damien

(57) Abstract :
The present invention relates to the field of perfumery. More particularly it provides a perfuming composition capable of prolonging the release of a perfuming component into the surrounding environment when applied on a body surface such as skin or hair. The composition comprises Neopentyl Glycol Diethylhexanoate as a fragrance evaporation modulator in the presence of high amounts of ethanol. The invention also relates to consumer articles containing such compositions. It finally provides methods for the perfuming of a body surface and a method for increasing the long lastingness of a perfuming component using these compositions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.3334/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS AND METHOD FOR COMMINUTING A POLYCRYSTALLINE SILICON ROD

(51) International classification :B02C
(31) Priority Document No :10 2012 213 565.0
(32) Priority Date :01/08/2012
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GRUBL, PETER
3)RIESS, SIEGFRIED

(57) Abstract :
Apparatus and method for comminuting a polycrystalline silicon rod The subject of the invention is an apparatus for comminuting a polycrystalline silicon rod, which apparatus comprises a base, as well as at least one movable comminuting tool and at least one immovable anvil, wherein the at least one comminuting tool possesses a longitudinal axis which is oriented parallel or virtually parallel to the surface of the base, wherein a silicon rod to be comminuted, which lies on the surface of the base, can respectively be adjusted between comminuting tool and anvil in such a way that the comminuting tool and the anvil can respectively in the region of the silicon rod have contact with the silicon rod, and a point of contact of silicon rod and anvil, as well as a transverse axis of the silicon rod, which transverse axis runs through a rod center, or an axis of the silicon rod, which axis is parallel to that transverse axis and is distanced by up to 30% of a rod diameter from the rod center, respectively lie on the longitudinal axis of the comminuting tool or on an axis which is parallel to the longitudinal axis of the comminuting tool and is distanced by up to 30% of the rod diameter from the longitudinal axis of the comminuting tool. A further subject of the invention isa method for comminuting a polycrystalline silicon rod.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.3336/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CLEANING AND DISINFECTION AGENT FOR MEDICAL INSTRUMENTS

(51) International classification :A61L
(31) Priority Document No :12178831.9
(32) Priority Date :01/08/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMIDT, VERONA
3)KAMER, MARKUS

(57) Abstract :
The invention relates to a cleaner and/or disinfectant for medical and/or surgical elements and apparatuses which is formulated as a powder. It comprises at least one peroxide, i at least one acylating agent for releasing peracetic acid from the peroxide in aqueous solution, and also at least one nonionic surfactant. According to the invention, it is provided that it comprises agents for adjusting a pH of a 2% strength aqueous solution to pH 7.5 to 9 and is formulated as granules, where peroxide and/or acylating agent are coated with nonionic surfactant.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014

(21) Application No.2409/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PHOTOLABILE LATEX FOR THE RELEASE OF PERFUMES

(51) International classification :C08F8/00
(31) Priority Document No :11184210.0
(32) Priority Date :06/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/069208
Filing Date :28/09/2012
(87) International Publication No :WO 2013/050303
(61) Patent of Addition 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)BERTHIER Damien
3)PARET Nicolas
4)THERRIEN Myl¨ne

(57) Abstract :
The present invention relates to the field of perfumery. More particularly it concerns co polymeric latex particles derived from 2 oxo 2 (3 or 4 vinylphenyl)acetates capable of liberating an active molecule such as for example an aldehyde or ketone upon exposure to light. The present invention concerns also the use of said latex in perfumery as well as the perfuming compositions or perfumed articles comprising the invention s latex.

No. of Pages : 60 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.3090/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NON-DETERMINISTIC MAINTENANCE REASONER AND METHOD

(51) International classification :G06Q10/00
(31) Priority Document No :13/552,440
(32) Priority Date :18/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAVINDRA PATANKAR

(57) Abstract :
A system and method for supplying a corrective maintenance plan for a system includes supplying diagnostic data to a processor. The diagnostic data are representative of a set of two or more potential independent faults within the system, and each of the potential independent faults in the set has a unique corrective maintenance plan associated therewith. The diagnostic data are processed, in the processor, to select only one of the corrective maintenance plans. Maintenance plan data representative of the selected corrective maintenance plan are generated in the processor. For identical sets of two or more potential independent faults, the selected maintenance plan is not always the same.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2014

(21) Application No.3534/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS FOR CLEANING FILTRATION LAYER IN SEAWATER INFILTRATION INTAKE

(51) International classification :B01D24/46,B01D24/02,B01D29/62
(31) Priority Document No :2011230916
(32) Priority Date :20/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070532
Filing Date :10/08/2012
(87) International Publication No :WO 2013/058009
(61) Patent of Addition 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)NAGAOKA Corporation
(72)**Name of Inventor :**
1)NIIZATO Hideyuki
2)INOUE Takayuki
3)MUKAI Kiyokazu
4)MIMURA Hitoshi

(57) Abstract :
To provide a cleaning apparatus suitable for removing clogging substances trapped on the surface layer of the sand filtration layer. [Solution] A cleaning apparatus (11) provided with drive wheels (12) as a movement means for moving over the surface of the sand filtration layer. A pump (13) and a jet nozzle (14) are provided as a stirring means for stirring the necessary depth of the surface layer of the sand filtration layer and stirring up the clogging substances along with filter sand into the seawater inside a turbid water suction pit (20). A perforated emulsified water suction tube (15) a pump (16) an ejector (17) and a dilute emulsified water discharging tube (18) are provided as a suction discharging means for drawing in the turbid water stirred up into the seawater inside the turbid water suction pit (20) by the stirring means and discharging same to the outside of the turbid water suction pit (20). [Effect] The invention prevents clogging by timely cleaning of the sand filtration layer and can maintain high seawater infiltration rates. Because turbid water containing clogging substances which is stirred up into the turbid water suction pit is drawn up and discharged outside of the system effects on the surrounding environment are also reduced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.3699/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING ITEM BASED ON INTERACTION ENVIRONMENT

(51) International classification :G06F
(31) Priority Document No :10-2012-0093294
(32) Priority Date :24/08/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Yeon-hee ROH
2)Eun-young LIM
3)Young-shil JANG
4)Jae-woo KO

(57) Abstract :
A method and an apparatus for using a device to determine an item, such as, for example, a card based on an interaction environment, such as, for example, a settlement environment, are provided. The method by which a device determines a card to be used in a settlement includes: acquiring a card use history of a card, which is stored in the device; acquiring information which relates to a settlement environment of the device; determining a card to be used in the settlement, based on the acquired information relating to the settlement environment and the acquired card use history; and providing settlement information which relates to the determined card to a point of sale (POS) terminal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.3080/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HIERARCHICAL SYSTEM FOR MANAGING A PLURALITY OF VIRTUAL MACHINES, METHOD AND COMPUTER PROGRAM

(51) International classification :G06F
(31) Priority Document No :12176591.1
(32) Priority Date :16/07/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KHAN, Ashiq
2)KOZU, Kazuyuki
3)VAISHNAVI, Ishan

(57) Abstract :
A hierarchical system for managing a plurality of virtual machines, comprises: a first local migration anchor point (110) connectable to a first group of at least two physical machines (100a, 100b), wherein the first migration anchor point is configured for storing a data set (110a, 110b) comprising a virtual machine identification of a first virtual machine located on one of the first group of at least two physical machines, and a physical machine identification of the one physical machine; a second local migration anchor point (130) connectable to a second group of at least two physical machines (120a, 120b), wherein the second local migration anchor point is configured for storing a data set (130a, 130b) comprising a virtual machine identification of a second virtual machine located on one physical machine of the second group of at least two physical machines, and a physical machine identification of the one physical machine; a global migration anchor point (140) connected to the first local migration anchor point and the second local migration anchor point, wherein the global migration anchor point is configured for storing, in a first data record (140a), a first service identification on an application performed by the first virtual machine, an associated identification of the first virtual machine, and an identification of the first local migration anchor point, and for storing, in a second data record (140b), a service identification of an application performed by the second virtual machine, an associated identification of the second virtual machine, and an identification of the second local migration anchor point; and a virtual machine location register (150) configured for storing a first data entry (150a) for the first virtual machine, the first data entry comprising the first service identification, the identification of the first virtual machine and the identification of the first local migration anchor point, and comprising a second data entry (150b) comprising the second service identification, the identification of the second virtual machine and the identification of the second local migration anchor point to which the physical machine, in which the second virtual machine is located, is connectable.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2013

(21) Application No.3438/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXHAUST MANIFOLD FOR ENGINE

(51) International classification :F01N13/00
(31) Priority Document No :2012-183841
(32) Priority Date :23/08/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MIYAZAKI, MANABU
3)FUJII, SATOSHI
4)HASEGAWA, SATOSHI
5)MORIMOTO, TATSUYA
6)SHINOHARA, YUJI
7)FUKADA, SHIN

(57) Abstract :
There is provided an exhaust manifold for an engine with which deterioration of sealability between a cylinder head and an exhaust inlet flange of the exhaust manifold can be suppressed. In order to solve the problem, an exhaust manifold for an engine includes an exhaust merging portion 2 arranged at a center of the exhaust manifold 1; a plurality of branch pipes 3, 3 arranged at both ends of the exhaust merging portion 2; and an exhaust inlet flange 4 provided to each of the branch pipes 3 to be attached to a cylinder head, wherein in forming a rib-like opposite-head side built-up portion 7 at and along a longitudinal direction of an opposite-head side face 1b out of a head side face la of the exhaust manifold 1 facing the cylinder head and the opposite-head side face 1b being opposite to the head side face la, the opposite-head side built-up portions 7, 7 are formed at the branch pipes 3, 3 on the both ends, and the opposite-head side face 1b with no opposite-head side built-up portion 7 is formed at the exhaust merging portion 2.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2013

(21) Application No.4026/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HAPTIC BASED PERSONAL NAVIGATION

(51) International classification :G01C21/20,G01C21/36,H04W4/02
(31) Priority Document No :12/943690
(32) Priority Date :10/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060239
Filing Date :10/11/2011
(87) International Publication No :WO 2012/064988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OLIVEIRA Louis Dominic

(57) Abstract :
A mobile platform includes one or more haptic feedback elements that are positioned in regions of the mobile platform that are proximate to a facial region of a user while the user holds the mobile platform to an ear. By way of example the haptic feedback elements may be electric force elements that overlay a display or vibrating or thermal elements. The mobile platform is capable of determining a current location and receiving a desired location which may be e.g. a location provided by the user a location with superior signal strength or of another mobile platform. The mobile platform determines directions from the present location to the current location and translates the direction in to control signals. Haptic signals are produced to the facial region of the user by the haptic feedback elements in response to the control signals thereby providing the directions to the user.

No. of Pages : 35 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014

(21) Application No.2410/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RETAINING WALL CONSTRUCTION USING SITE COMPACTION AND EXCAVATION

(51) International classification :E02D29/02,E04B2/84
(31) Priority Document No :61/539547
(32) Priority Date :27/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050676
Filing Date :27/09/2012
(87) International Publication No :WO 2013/044386
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GARZON Lavih
(72)**Name of Inventor :**
1)GARZON Maurice
2)GARZON Lavih

(57) Abstract :
A method for forming a cementitious retaining wall is described. The method includes the step of defining on an earth surface an outline of the wall to be formed. The outline delimits an area of earth to be excavated. The method also includes the step of compacting the area. After compaction the earth underneath and adjacent to the area is densified which provides stability to the earth during excavation and after the wall is formed. The method also includes the step of excavating the earth from the area compacted to an initial depth thereby creating a wall cavity. The method further includes the step of compacting the bottom surface of the wall cavity and subsequently excavating the earth from the compacted bottom surface. This step can be repeated as much as required under a final depth of the wall cavity is reached. Once the final depth is reached the wall cavity can be filled at least partially a cementitious material so as to form the retaining wall.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2014

(21) Application No.2412/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLAME RETARDANT POLYOLEFIN RESIN COMPOSITION

(51) International classification :C08L23/02,C08K3/22,C08K5/52
(31) Priority Document No :2011267220
(32) Priority Date :06/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/080265
Filing Date :22/11/2012
(87) International Publication No :WO 2013/084725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HATANAKA Tomoyuki
2)IWASAKI Yusuke
3)YAMAZAKI Kenji

(57) Abstract :
The present invention provides a polyolefin resin composition with sufficient flame retardancy to pass UL94 5VA without using a halogen flame retarding agent that produces harmful gas during combustion and specifically provides a flame retardant polyolefin resin composition containing as flame retardant components of the polyolefin resin (A) a (poly)phosphoric acid compound expressed by general formula (1) and (B) a (poly)phosphate compound expressed by general formula (3) and preferably (C) zinc oxide and (D) a drip preventing agent and that satisfies UL94 5VA. Note that the details of general formula (1) and general formula (3) are as disclosed in the specification.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.3023/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONTROL SYSTEM FOR VEHICLE

(51) International classification :F16H61/00
(31) Priority Document No :2012-153965
(32) Priority Date :09/07/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)AKIYOSHI, NORIHIRO
2)SAKAI, KOHEI

(57) Abstract :
A control system for a vehicle having an internal combustion engine, an oil pump driven by the engine for pressurizing operation oil, and a belt-type continuously variable transmission to which the operation oil pressurized by the oil pump is supplied. The transmission control is performed by controlling an operation oil pressure supplied to the continuously variable transmission. The engine is automatically stopped when a predetermined condition is satisfied. The transmission control is performed by controlling first and second operation oil pressures which are respectively supplied to a drive-pulley and a driven-pulley of the continuously variable transmission. A transmission ratio maintaining control is performed when the predetermined condition is satisfied during running of the vehicle. According to the transmission ratio mamtaining control, a difference between a first control pressure command value for controlling the first operation oil pressure and a second control pressure command value for controlling the second operation oil pressure, is made greater than the difference at the time immediately before the predetermined condition is satisfied.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2013

(21) Application No.4073/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS FOR PRODUCTION OF SYNTHETIC PROMOTERS WITH DEFINED SPECIFICITY

(51) International classification	:C12N15/10,C12N15/11,C12N15/82
(31) Priority Document No	:61/419895
(32) Priority Date	:06/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2011/055412 :01/12/2011
(87) International Publication No	:WO 2012/077020
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)Siebert Malte

(57) Abstract :
Provided are methods for the design and production of synthetic promoters and a defined specificity and promoters produced with these methods.

No. of Pages : 104 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.3008/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CURRENCY TRACKING

(51) International classification :G06Q20/00
(31) Priority Document No :13/562,814
(32) Priority Date :31/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ROBIN ANGUS

(57) Abstract :
A method and apparatus are disclosed for tracking currency notes within a financial institution. The method includes the steps of receiving currency notes from a first authorized person, ascertaining a value and at least one further parameter associated with each received currency note, receiving a request from a second authorized person to receive currency notes for transferring within the financial institution, dispensing the requested currency notes to the second authorized person, associating at least one parameter of each dispensed currency note with the second authorized person and receiving a notification from a device within the financial institution that the dispensed currency notes have been received at the device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.3009/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VARIABLE LITHOGRAPHIC PRINTING PROCESS

(51) International classification :G03F7/00
(31) Priority Document No :13/601,876
(32) Priority Date :31/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LIU, CHU-HENG

(57) Abstract :
A variable lithographic printing process includes absorbing a release agent into an imaging member; forming a later image by evaporating the release agent from selective locations on an imaging member surface; developing the latent image; and transferring the developed image to a receiving substrate. The release agent diffuses through the imaging member surface.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.324/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GARMENT HANGER

(51) International classification :A47G25/14,A47F7/19,A47F5/00
(31) Priority Document No :2010902663
(32) Priority Date :18/06/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000728
Filing Date :17/06/2011
(87) International Publication No :WO 2011/156863
(61) Patent of Addition 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)HICKEY Brendan
3)PATTISON Craig
4)PATTISON Donna

(57) Abstract :
The present invention relates to a method and device for display and/or storage of garments or other items of apparel such as skirts dresses ties scarves hats jewellery and the like. In particular the present invention provides a garment hanger comprising at least one rung member wherein the at least one rung member comprises: first attachment formations disposed on the outer periphery of the rung member and adapted to receive a first portion of a first garment and; second attachment formations disposed within the outer periphery of the rung member and adapted to receive a second portion of a second garment.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2012

(21) Application No.3400/CHE/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMPROVED PROCESS FOR PREPARATION OF VALGANCICOVIR HYDROCHLORIDE

(51) International classification	:A61K31/00, 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

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3)Kushal Surajmal Manudhane
4)Veeraboina Madhu Raju
5)Shakil Suleman Shaik
6)Kaipu Rama Krishna Reddy

(57) Abstract :
The application relates to improved processes for preparing valganciclovir hydrochloride

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

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

(21) Application No.4469/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL POWER CONVERTOR APPARATUS

(51) International classification :H02M7/48,H01L25/07,H01L25/18
(31) Priority Document No :2010268743
(32) Priority Date :01/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070125
Filing Date :05/09/2011
(87) International Publication No :WO 2012/073570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAWANAMI Yasuhiko

(57) Abstract :
Provided is an electrical power convertor apparatus in which the wiring inductance of the apparatus as a whole can be reduced while a wiring board can be more easily mounted. This power module (100) (the electrical power convertor apparatus) comprises a power module main unit (100a) and a wiring board (200). The power module main unit (100a) comprises a P side semiconductor element (5) and an N side semiconductor element (6) as well as a P side terminal connector (10a) a U phase terminal connector (11c) and an N side terminal connector (12a) which are electrically connected to the wiring board (200) on the upper surface of the power module main unit (100a)and through which current flows to and from the wiring board (200).

No. of Pages : 64 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2014

(21) Application No.447/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CENTRIFUGE AND DISCHARGE PORT MEMBER OF A CENTRIFUGE FOR POWER REDUCTION

(51) International classification :B04B1/20
(31) Priority Document No :11006271.8
(32) Priority Date :29/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/003159
Filing Date :26/07/2012
(87) International Publication No :WO 2013/017223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUYGHE Jean Marc

(57) Abstract :
The invention relates to a rotating machine (1) especially a decanter centrifuge comprising a bowl (2) rotatable about an axis (5) to generate a cylindrical pool of a feed slurry said bowl (2) having a heavy phase discharge port (10); and a base plate (6) provided at one longitudinal end (8) of said bowl (2); at least one outlet opening (9) provided in said base plate (6); a liquid phase discharge port member (14 22) placed over the at least one outlet opening (9); characterised by said liquid phase discharge port member (14 22) including at least one open straight channel (17) with a longitudinal axis (18); wherein the longitudinal axis (18) of said channel (17) extends at an acute angle (a) relative to said base plate (6) and said channel (17) has an extension in the direction of said longitudinal axis (18). The invention also relates to a liquid phase discharge port member (14 22) adapted to be placed over an outlet opening (9) of a rotating machine (1) especially a decanter centrifuge.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.2151/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OPHTHALMIC ENDOILLUMINATORS WITH DIRECTED LIGHT

(51) International classification :A61B17/32,A61B17/14
(31) Priority Document No :13/241427
(32) Priority Date :23/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054366
Filing Date :10/09/2012
(87) International Publication No :WO 2013/043396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARTIN Michael M.
3)PAPAC Michael J.
4)SMITH Ronald T.
5)YADLOWSKY Michael J.

(57) Abstract :
Certain embodiments of an endoilluminator may include a cannula an intermediate material and an optical fiber. The cannula has a substantially cylindrical shape that defines an interior region and has a cylindrical axis. The intermediate material is disposed within the interior region. The optical fiber is disposed within the intermediate material and has a fiber optical axis and a distal end configured to emit light. The emitted light has an illumination pattern with an illumination axis that is not parallel to the cylindrical axis.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013

(21) Application No.2370/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SENSOR ELEMENT METHOD OF MAKING THE SAME AND SENSOR DEVICE INCLUDING THE SAME

(51) International classification :G01N27/22,B82Y15/00
(31) Priority Document No :61/388130
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049145
Filing Date :25/08/2011
(87) International Publication No :WO 2012/044419
(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)LEE Tzu Chen

(57) Abstract :
A sensor element (100) includes a first conductive electrode (120) having a first conductive member (122) electrically coupled thereto; an absorptive dielectric layer (130) comprising a polymer of intrinsic microporosity; and a second conductive electrode (140) having a second conductive member (142) electrically coupled thereto. The second conductive electrode comprises carbon nanotubes and is permeable to at least one organic vapor. The absorptive dielectric layer is at least partially disposed between the first conductive electrode and the second conductive electrode. A method of making the sensor element and sensor device (200) containing it are also disclosed.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2013

(21) Application No.2929/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYCRYSTALLINE SILICON CHUNKS AND METHOD FOR PRODUCING THEM

(51) International classification :C30B
(31) Priority Document No :10 2012 213 869.2
(32) Priority Date :06/08/2012
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WOCHNER, HANNS
2)FABRY, LASZLO

(57) Abstract :
Polycrystalline silicon chunks and method for producing them The present invention relates to polycrystalline silicon chunks which are cubic and have a metal content of less than 200 pptw and a dopant content of less than 50 ppta. Methods for producing polycrystalline silicon chunks, comprising providing a polycrystalline silicon rod, comminuting the polycrystalline silicon rod into cubic chunks, and cleaning the polycrystalline silicon chunks, wherein comminution takes place using a spiked-roll crusher having at least one spiked roll, the spiked roll comprising W2C phases or WC phases with 0.1-10% of a metal carbide selected from the group consisting of titanium carbide, chromium carbide, molybdenum carbide, vanadium carbide, and nickel carbide or consisting of steel with 1-25% W.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.450/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL PHARMACEUTICAL COMBINATION

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

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1)SEKHARIPURAM VISWANATHAN VEERRAMANI
2)RADHA VEIRRAMANI
3)SWAMIRATHINAM PILLAI RAMALINGAM SUBRAMANIAN

(57) Abstract :
The invention disclosed herein is a topical pharmaceutical composition comprising Ubidecarenone or Coenzyme Q 10, Diosmin, Magnesium sulphate, Methyl salicylate, and at least one penetration enhancer along with one or more pharmaceutically acceptable excipients, useful for improving blood circulation, for preventing or treating varicose veins and other inflammatory disorders.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2014

(21) Application No.450/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS FOR REMOVAL OF ATHEROSCLEROTIC PLAQUE OR THROMBUS AT A TREATMENT SITE

(51) International classification :A61B17/3207,A61B17/00,A61B17/32
(31) Priority Document No :61/523225
(32) Priority Date :12/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050396
Filing Date :10/08/2012
(87) International Publication No :WO 2013/025531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DUNCAN Jeffrey B.
3)LUBER Kaylan M.
4)MONTGOMERY William D.
5)SHAW Edward E.

(57) Abstract :
A system for removing plaque or thrombus from the vasculature and/or deployed medical devices is described. An embodiment can include a plaque reduction brush comprising at least one support adapted to allow the brush to be endoluminally deliverable via a delivery device to a treatment site; and a plurality of bristles extending from the at least one support and being arranged in a predetermined pattern along the at least one support each of the plurality of bristles having a length wherein one or more of the plurality of bristles has a bending portion along the length that is more easily bent than another portion of the length thereof said bending portion facilitating bending of the one or more of the plurality of bristles between a compressed delivery configuration and an expanded use configuration.

No. of Pages : 52 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2013

(21) Application No.3314/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DETECTION SYSTEM FOR DETECTING IMPEDANCE VARIATION IN A NEUTRAL CONDUCTOR, TRANSFORMER STATION COMPRISING SUCH A SYSTEM AND METHOD FOR DETECTING IMPEDANCE VARIATION IN A NEUTRAL CONDUCTOR WITH SUCH A SYSTEM

(51) International classification :H02H3/00
(31) Priority Document No :1257426
(32) Priority Date :31/07/2012
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CLEMENCE, MICHEL
2)CONTINI ERICK

(57) Abstract :
This detection system (20) is suitable for detecting impedance variation (84) in a neutral conductor (22) of a multiphase AC electrical network, the electrical network comprising P phase conductors (34) and one neutral conductor (22), where P is an integer greater than 1. The detection system (20) comprises a group (42A) of P voltage sensors (56A, 58A, 60A), each voltage sensor (56A, 58A, 60A) being suitable for measuring the voltage of a phase respective conductor (34) in relation to the neutral conductor (22), and a supervising device connected to each of the voltage sensors (56A, 58A, 60A) via a data link (62). The detection system (20) further comprises (N-1) other group(s) (42B, 42C, etc.) of P voltage sensors (56B, 58B, 60B, 56C, 58C, 60C), where N is an integer greater than 1, the N groups of voltage sensors (42A, 42B, 42C, etc.) being arranged at different locations along the electrical network, and the supervising device is suitable for detecting, between two successive groups of sensors (42A, 42B), a variation in the voltage of a given phase conductor (34) in relation to the neutral conductor (22), in order to detect impedance variation (84) in the neutral conductor (22) and locate said impedance variation (84) between the two successive groups of sensors (42A, 42B).

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2013

(21) Application No.3315/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HEAT EXCHANGER FOR EXHAUST GAS COOLING IN MOTOR VEHICLES

(51) International classification :F28F
(31) Priority Document No :102012106782.1
(32) Priority Date :26/07/2012
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PETER DICHL
4)STOJAN CUCUZ
5)BERND HOMEYER
6)PETR STEPKA

(57) Abstract :
Heat exchanger for exhaust gas cooling in motor vehicles The present invention relates to a heat exchanger (1) for exhaust gas cooling, in particular for motor vehicles. The heat exchanger (1) firstly comprises a flow duct which is formed from heat exchange tubes (7) being arranged in parallel to one another, and through which the exhaust gas to be cooled can flow and around which a liquid coolant can flow, and secondly comprises a housing having a housing wall (4) and tube bottoms (9, 15). The housing wall (4) and the tube bottoms (9, 15) delimit a flow chamber for the coolant. The heat exchange tubes (7) being arranged so as to form a tube bundle are formed with straight sections and deflection zones (12, 13), wherein the heat exchange tubes (7) in at least two deflection zones (12, 13) sweep an angle of at least 90°.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2013

(21) Application No.3316/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING A CONTAINER INTENDED TO CONTAIN A SUBSTANCE TO BE DISPENSED BY AN AIRLESS PUMP, AND A CONTAINER PRODUCED BY THE METHOD

(51) International classification :B65D
(31) Priority Document No :MI2012A001346
(32) Priority Date :31/07/2012
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MORETTI, MATTEO

(57) Abstract :
A method for producing a container intended to contain a substance to be dispensed by an airless pump, comprising an external body inside which a bag (9) is provided formed of thermoplastic material, the bag presenting, at least at a connection surface between its neck and its lateral surface, controlled deformation zones arranged to guide the bag deformation in accordance with preferential directions. The invention also relates to a container formed by the described method and a bag with the aforedescribed characteristics.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2013

(21) Application No.4713/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : REVERSE OSMOSIS PROCESSING DEVICE

(51) International classification :B01D61/58,B01D61/08,B01D61/12
(31) Priority Document No :2010283593
(32) Priority Date :20/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078860
Filing Date :14/12/2011
(87) International Publication No :WO 2012/086479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KITAMURA Kotaro
2)ONISHI Makoto
3)SUZUKI Kazutaka

(57) Abstract :
Provided is a reverse osmosis processing device (10) provided with: a first pressurized vessel (80) that performs primary processing of water to be processed; and a second pressurized vessel (82) that performs secondary processing of water to be processed that has been processed by the primary processing. In each of the first pressurized vessel (80) and the second pressurized vessel (82) at least one reverse osmosis membrane element (22) provided with a reverse osmosis membrane (28) is disposed a plurality of which are connected in series by a water collection tube (34) through which permeated water flows and the number of reverse osmosis membrane elements (22) in the first pressurized vessel (80) is the same or fewer than the number of reverse osmosis membrane elements (22) in the second pressurized vessel (82). As a result it is possible to easily replace reverse osmosis membrane elements.

No. of Pages : 52 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.3156/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A DEVICE FOR MONITORING A QUALITY OF MOVING LINEAR TEXTILE MATERIAL AT AN OPERATING UNIT OF A TEXTILE MACHINE

(51) International classification	:D06B
(31) Priority Document No	:PV 2012-499
(32) Priority Date	:20/07/2012
(33) Name of priority country	:Czech Republic
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition 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)KOUSALIK, PAVEL
3)MELICH, RADEK

(57) Abstract :
A device for monitoring the quality of moving linear textile material (3), particularly yarn, at an operating unit of a textile machine, comprising a radiation source (1) and a linear digital optical sensor (2), between which a space (30) has been created for linear textile material (3) passage, whereby between the radiation source (1) and the space (30) for passage of linear textile material (3) is arranged an optical member (6). The optical member (6) is formed by an aspheric bi-cylindrical lens, comprising a spheric cylindrical surface (61) having the axis of the cylinder parallel with the direction of the movement of the monitored textile material (3) and the aspheric cylindrical surface (62) having the axis of the cylinder perpendicular to the direction of the movement of the monitored textile material (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.323/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXTENDING A CONTENT DELIVERY NETWORK (CDN) INTO A MOBILE OR WIRELINE NETWORK

(51) International classification :G06F15/16,G06Q50/00
(31) Priority Document No :61/356306
(32) Priority Date :18/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/041069
Filing Date :20/06/2011
(87) International Publication No :WO 2011/160113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KANITKAR Vinay
3)WALTHER Dane S.

(57) Abstract :
A content delivery network (CDN) comprises a set of edge servers and a domain name service (DNS) that is authoritative for content provider domains served by the CDN. The CDN is extended into one or more mobile or wireline networks that cannot or do not otherwise support fully managed CDN edge servers. In particular an Extender is deployed in the mobile or wireline network preferably as a passive web caching proxy that is beyond the edge of the CDN but that serves CDN provisioned content under the control of the CDN. The Extender may also be used to transparently cache and serve non CDN content. An information channel is established between the Extender and the CDN to facilitate the Extender functionality.

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

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

(21) Application No.4470/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POWER CONVERSION DEVICE

(51) International classification :H02M7/48,H01L25/07,H01L25/18
(31) Priority Document No :2010268744
(32) Priority Date :01/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070126
Filing Date :05/09/2011
(87) International Publication No :WO 2012/073571
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KAWANAMI Yasuhiko

(57) Abstract :
Provided is a power conversion device which can reduce wiring inductance of the device as a whole while destruction of the power conversion semiconductor elements caused by surge voltage is suppressed. A power module (100) comprises a power module main unit (100a). The power module main unit (100a) includes: a P side electrically conductive plate (3) a first N side electrically conductive plate (4a) and a second N side electrically conductive plate (4b) that are arranged with spaces therebetween within the power module main unit (100a); a P side semiconductor element (5) that is arranged on the surface of the P side electrically conductive plate (3); an N side semiconductor element (6) that is arranged on the surface of the first N side electrically conductive plate (4a) and is electrically connected with the P side semiconductor element (5); and a capacitor (13) for suppressing surge voltage that is arranged so as to connect with the P side electrically conductive plate (3) and the second N side electrically conductive plate (4b) between the P side semiconductor element (5) and the N side semiconductor element (6) within the power module main unit (100a).

No. of Pages : 61 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.474/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DECODER CIRCUIT FOR DOWN SAMPLING A DIFFERENTIAL MANCHESTER ENCODED SIGNAL

(51) International classification :H03M5/12
(31) Priority Document No :13/192000
(32) Priority Date :27/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025024
Filing Date :14/02/2012
(87) International Publication No :WO 2013/015843
(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 :
Decoder circuits and methods (200) down sample the samples that oversample an input signal (100) having a differential Manchester encoding. A first input port (304) receives first second and third samples. A second input port (308) receives a state indicating whether a clock transition or a data transition precedes the first second and third samples. A third input port (306) receives first second and third down sampled bits. A detector circuit (322 416) is configured to generate a detection signal (324 420) indicating a presence of a short pulse within the samples when the state indicates the clock transition and the second and third down sampled bits are equal and differ from the first down sampled bit and the third sample. A generator circuit (330 418) is configured to generate a fourth down sampled bit (302 414) that equals the third sample when the detection signal indicates the presence of the short pulse and that equals the second sample when the detection signal does not indicate the presence.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2231/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR A DELAYED AND PROLONGED AIR COOLING CONDENSATION SYSTEM

(51) International classification :F28D20/02
(31) Priority Document No :61/533551
(32) Priority Date :12/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054688
Filing Date :11/09/2012
(87) International Publication No :WO 2013/039926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHANG Rong

(57) Abstract :
various embodiments devices and methods are provided for an improved dry cooling condensation system. In certain embodiments the methods involve receiving steam from a source of steam (. a power plant); condensing the steam into water while transferring the latent heat of the steam into the latent heat of a thermal storage material; and dissipating the latent heat from the thermal storage material at a later time when the ambient temperature is lower than the ambient temperature at the time the steam was condensed into water.

No. of Pages : 31 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2232/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PNEUMATIC TIRE

(51) International classification :B60C13/00
(31) Priority Document No :2011224435
(32) Priority Date :12/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075398
Filing Date :01/10/2012
(87) International Publication No :WO 2013/054684
(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 :
To provide a pneumatic tire with excellent durability. [Solution] A tire is provided with numerous dimples (62) on a sidewall. The contour of the dimple (62) comprises a first arc (66) a second arc (68) a first connecting line (70) and a second connecting line (72). The curvature radius (R2) of the second arc (68) is greater than the curvature radius (R1) of the first arc (66). The first connecting line (70) is a straight line. The first connecting line (70) connects one end (74) of the first arc (66) and one end (76) of the second arc (68). The second connecting line (72) is a straight line. The second connecting line (72) connects the other end (78) of the first arc (66) and the other end (80) of the second arc (68). The length (L) of the longest line segment traceable within the contour of the dimple (68) is preferably greater than the sum of the curvature radius (R1) of the first arc (66) and the curvature radius (R2) of the second arc (68).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2233/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOBILE DEVICE NETWORK SIGNALING MANAGEMENT

(51) International classification :H04W52/02,H04W48/00,H04W88/02
(31) Priority Document No :13/311444
(32) Priority Date :05/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058592
Filing Date :04/10/2012
(87) International Publication No :WO 2013/085609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AYYAPPAN Ravi
3)WANG Shiehlie

(57) Abstract :
A mobile wireless device maintains a radio sector database. When receiving no response or a negative response from a radio sector to a transmitted signaling message the mobile wireless device adds or updates the radio sector database. When receiving a positive response from the radio sector the mobile wireless device deletes the radio sector from the radio sector database. Before transmitting signaling messages to a radio sector the mobile device determines a time delay value if the radio sector is in the radio sector database. The mobile wireless device discards the signaling message when an elapsed time since a most recently transmitted signaling message to the radio sector does not exceed the determined time delay value. In an embodiment each radio sector in the radio sector database includes a failure count value and the determined time delay value depends on the failure count value.

No. of Pages : 59 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.486/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VIDEO DATA GENERATION UNIT VIDEO IMAGE DISPLAY DEVICE VIDEO DATA GENERATION METHOD VIDEO IMAGE DISPLAY METHOD AND VIDEO IMAGE FILE DATA STRUCTURE

(51) International classification :H04N7/173,H04N5/92
(31) Priority Document No :2011168785
(32) Priority Date :01/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004274
Filing Date :02/07/2012
(87) International Publication No :WO 2013/018276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OHBA Akio
3)SEGAWA Hiroyuki

(57) Abstract :
An objective of the present invention is to make a video image frame into a hierarchical structure represented with a plurality of resolutions. With a zeroth layer (30) a first layer (32) a second layer (34) and a third layer (36) in order by increasing resolution layer data which denotes a frame at a time (t1) treats the zeroth layer (30) and the second layer (34) as base image layers and the first layer (32) and third layer (36) as difference image layers. In such a circumstance when a region (124a) is displayed with the resolution of the third layer (36) an image of a corresponding region (126a) which the second layer (34) retains is enlarged to the resolution of the third layer (36) and each pixel value added to a difference image of a region (124a) which the third layer (36) retains. The layer which is treated as the difference image layer is switched with the passage of time (t2 t3 ...).

No. of Pages : 95 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013

(21) Application No.2124/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOULDING OF FIBRE REINFORCED THERMOPLASTIC MATERIALS

(51) International classification :C08J5/04
(31) Priority Document No :2010/06604
(32) Priority Date :15/09/2010
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2011/053925
Filing Date :08/09/2011
(87) International Publication No :WO 2012/035470
(61) Patent of Addition 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 process is provided for manufacturing articles though injection moulding of thermoplastic material and fibres. The fibres include glass fibres and are present in the moulded article in a quantity of 25% to 50% by mass. More than 70% of the fibres have a length exceeding 5mm in the moulded article. The thermoplastic material has a Notched Izod Impact Strength after being combined with said fibres greater than 250J/m at 23 degrees Celsius.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2014

(21) Application No.2696/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CELL SELECTION USING A BLACKLIST OR A WHITE LIST

(51) International classification :H04W48/20
(31) Priority Document No :13/269498
(32) Priority Date :07/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055783
Filing Date :17/09/2012
(87) International Publication No :WO 2013/052267
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DEIVASIGAMANI Giri Prassad
2)NUKALA Gaurav

(57) Abstract :
Methods and apparatus enabling connection and/or re connection to an access point of a network based on both reception characteristics and also the access point s likelihood to successfully connect (or re connect). In one such embodiment an exemplary Long Term Evolution (LTE) user equipment (UE) stores a blacklist of LTE enhanced NodeBs (eNBs) that have previously unexpectedly disconnected the UE. The UE will avoid the blacklisted eNBs and will attempt to connect to other eNBs. By avoiding eNBs which have previously been unable to service the UE and instead focusing on other eNBs that may have lower reception quality but likely better suited to service the UE the UE can avoid prolonged out of service (OOS) periods.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013

(21) Application No.3604/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HEAT RAY SHIELDING COMPOSITION

(51) International classification :C07C
(31) Priority Document No :2012-227618
(32) Priority Date :15/10/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TAKENOSHITA, Ai
2)YONEZAWA, Takehiro
3)YAMASAKI, Kazuhiko

(57) Abstract :
To provide a heat ray shielding composition having a high transmittance of visible light rays and a high cut rate of near-infrared rays. [Means for Resolution] The heat ray shielding composition of the invention is constituted by mixing one or two or more near-infrared ray-absorbing pigments selected from a group consisting of diimonium-based pigments, phthalocyanine-based pigments and dithiol metal complex pigments in a dispersion liquid formed by dispersing ITO powder in a range of 0.1 mass% to 50 mass% in a range of 0.01 mass% to 0.5 mass% with respect to 100 mass% of the dispersion liquid. The ITO powder is used in manufacturing an ITO film which has a band gap in a range of 4.0 eV to 4.5 eV.

No. of Pages : 39 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.471/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYMERIC BLEND FORMULATIONS SUITABLE FOR SYNTHETIC LEATHER APPLICATIONS

(51) International classification	:C08L23/08,C09D123/08,B32B27/32
(31) Priority Document No	:61/512508
(32) Priority Date	:28/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/048089 :25/07/2012
(87) International Publication No	:WO 2013/016398
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)DANIEL Sherrika D.

(57) Abstract :
The instant invention provides to polymeric blend formulation and a multilayer structure comprising a skin layer derived from the polymeric blend formulation and method of making the same. The polymeric blend formulation comprises: (a) 40 to 65 percent by weight of an ethylene based copolymer composition; (b) 15 to 40 percent by weight of a chlorinated olefin polymer composition; (c) from 0.1 to 25 percent by weight of a filler; (d) 10 to 30 weight percent by weight of an adhesion promoting agent; and (e) optionally 1 to 4 percent by weight of a mineral oil.

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.487/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING LOCATION AND SKEW OF CRANE GRAPPLING MEMBER

(51) International classification :B66C13/08,B66C13/46,B66C19/00
(31) Priority Document No :20115757
(32) Priority Date :18/07/2011
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2012/050736
Filing Date :17/07/2012
(87) International Publication No :WO 2013/011200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RINTANEN Kari

(57) Abstract :
The invention relates to a system for determining the horizontal location and skew of a grappling member (2) of a crane the system comprising at least two types of reflectors (5 6) arranged on the grappling member (2) the relative locations and shapes of which are known; at least one scanning distance sensor (7) mounted on the crane to measure the distance (R) and direction (a) from the crane to the reflectors; and a data processing device arranged to store in its memory the relative locations and shapes of the reflectors; and to determine the horizontal location and skew of the grappling member (2) on the basis of at least the relative locations and shapes of the reflectors and measured distances and directions from the crane to the reflectors.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2464/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ETHYLENE BASED INTERPOLYMERS AND PROCESSES TO MAKE THE SAME

(51) International classification :C08F210/02,C08F2/38
(31) Priority Document No :61/388214
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052509
Filing Date :21/09/2011
(87) International Publication No :WO 2012/044503 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)GAGNON Roger G.
3)JASEK Mark
4)NUNEZ Laura
5)GUTERMUTH Bryan

(57) Abstract :
Ethylene based interpolymers e.g. ethylene acrylic acid copolymers are made by a process comprising the steps of: A. Injecting a first feed comprising a chain transfer agent system (CTA system) and ethylene into a first autoclave reactor zone to produce a first zone reaction product the CTA system of the first reactor zone having a transfer activity Z1; and B. (1) Transferring at least part of the first zone reaction product to a second reactor zone selected from a second autoclave reactor zone or a tubular reactor zone and (2) at least one of transferring or freshly injecting a feed comprising a CTA system into the second reactor zone to produce a second zone reaction product the CTA system of the second reactor zone having a transfer activity of Z2; and with the proviso that the ratio of Z1 :Z2 is greater than 1. The comonomer comprises at least one carboxylic acid group or an anhydride group.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2014

(21) Application No.4701/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : STACKED CITY ROAD

(51) International classification :E01C1/04
(31) Priority Document No :201110445495.5
(32) Priority Date :28/12/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/087121
Filing Date :21/12/2012
(87) International Publication No :WO 2013/097646
(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 stacked city road comprising a straight section a longitudinal slope section and a junction section. The straight section and the junction section are connected to form a road network. The longitudinal slope section and the straight section are connected to connect the straight section to the ground. The straight section comprises a bottom layer roadway (101) a parking layer (102) and a driving layer (103). Provided between the bottom layer roadway (101) and the parking layer (102) and between the parking layer (102) and the driving layer (103) are bidirectional and parallel ramps (104) for vehicles to drive upwards or downwards. This facilitates vehicles in the straight section to change from the bottom layer roadway (101) to the parking layer (102) to park thereat or to change from the parking layer (102) to the driving layer (103) to drive thereon. The stacked city road is divided into three layers utilizes three dimensional space for diversion of vehicles allows for intensive use of land and effectively alleviates the problem of city traffic congestion and difficult parking.

No. of Pages : 45 No. of Claims : 13

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

(21) Application No.5125/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROBOT DEVICE

(51) International classification :B25J
(31) Priority Document No :2012-253264
(32) Priority Date :19/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NOBUKAZU MIYAUCHI

(57) Abstract :
A robot device (1) includes a robot (100) and a controller (200). The robot includes a base (101), an arm portion (120L, 120R) a wrist portion (130L, 130R), and actuators (AclL - Ac7L, AclR - Ac7R). The arm portion and the wrist portion comprises a multi-joint structure composed of a shoulder portion (121L, 121R), an upper arm A portion (122L, 122R), an upper arm B portion (123L, 123R), a lower arm portion (124L, 124R), a wrist A portion (131L, 131R), a wrist B portion (132L, 132R), and a flange portion (133L, 133R). The actuators are configured to drive the shoulder portion, the upper arm A portion, the upper arm B portion, the lower arm portion, the wrist A portion, the wrist B portion, and the flange portion. The controller is configured to control operations of the actuators. Each of the shoulder portion, the upper arm A portion, the upper arm B portion, the lower arm portion, the wrist A portion, the wrist B portion, and the flange portion includes a strength member (Frl - Fr6) and an elastic outer skin (40b). The strength member is configured to constitute a support structure at least for gravity. The elastic outer skin is constituted by an elastic body and arranged so as to form a surface outer skin of the shoulder portion, the upper arm A portion, the upper arm B portion, the lower arm portion, the wrist A portion, the wrist B portion, and the flange portion while covering the strength member.

No. of Pages : 73 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3112/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OSMOSIS FILTERING METHOD FOR SEA WATER AND OSMOSIS WATER INTAKE UNIT

(51) International classification :B01D24/02,B01D24/46,B01D24/48
(31) Priority Document No :2011217388
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070002
Filing Date :06/08/2012
(87) International Publication No :WO 2013/046930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)INOUE Takayuki
3)ARAI Hiroaki
4)MUKAI Kiyokazu
5)MIMURA Hitoshi

(57) Abstract :
To cleanse a suspended matter or the like captured on the surface of a sand filtering layer as well as on an intermediate layer. [Solution] Provided is an osmosis filtering method for sea water having an osmosis water intake unit (11) that is formed beforehand and in which a water intake pipe (12) is embedded in a gravel layer (13) that is for forming a lower layer of a sand filtering layer a reverse cleaning pipe (14) is embedded in a sand layer (15) that is for forming an intermediate layer and a surface layer of the sand filtering layer and a water suction pipe (16) is installed above the sand layer (15). A sand filtering layer is formed by combining a required number of osmosis water intake units (11) at an installation location on the sea bed. Sea water is taken in when sea water that naturally permeates through the sand filtering layer is introduced into the water intake pipe (12). The sea water permeation speed is no faster than 400m/day. A suspended matter or the like held in the intermediate layer of the sand filtering layer is agitated by injecting water or air from the reverse cleaning pipe (14) the suspended matter is blown onto the surface layer of the sand filtering layer and recovered by suctioning the agitated water from the water suction pipe (16). [Effect] The seawater permeation speed can be maintained at the highest speed possible i.e. no faster than 400m/day.

No. of Pages : 45 No. of Claims : 9

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

(21) Application No.3552/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FILTER HOUSING WITH INTEGRALLY THREADED PORT

(51) International classification :H01R
(31) Priority Document No :13/598975
(32) Priority Date :30/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Wilson Lee CURRIER
3)Ismail C. BAGCI
4)Johnny D. BRYANT
5)Gildas LE MEN

(57) Abstract :
A filter housing that includes a bowl formed with a single thread that is stamped directly into the housing around a port. The thread is used to connect an auxiliary element, such as a drain valve or a WIF sensor, to the filter housing. An elevated ridge is formed around the bowl during the stamping process which increases the structural integrity of the housing around the port, and provides a surface for mating with the inserted auxiliary element.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.5153/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING LOCATION OF EARTH FAULT

(51) International classification :G01R
(31) Priority Document No :201210505394.7
(32) Priority Date :30/11/2012
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LI, RONG

(57) Abstract :
Provided are a method and device for determining a location of an earth fault, which are capable of ensuring an accuracy of a localization result no manner what a percentage of underground cables is. The method comprises: calculating a zero sequence component and a positive sequence component in a grid based on a distributed shunt capacitance; and determining a distance to a measuring point from an earth fault point by using a negative sequence component, the calculated zero sequence component and the calculated positive sequence component.

No. of Pages : 30 No. of Claims : 14

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

(21) Application No.5156/CHE/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR RECOMMENDING A BROADCAST CONTENT

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KANDAPPEN KUZHI ABDU RAHEEM

(57) Abstract :
The invention discloses a system and method for recommending a broadcast content by a user watching a broadcast content. The system includes a content recommendation module configured to transmit recommendation regarding broadcast content to at least one contact of the user based on user input. The system also includes a recommendation managing module configured to present the recommendation of the broadcast content to at least one contact in a user interface. The broadcast contents are categorized based on a selection option opted by the contact, wherein the selection option is selected from a plurality of selection options and the subsequent recommendations of broadcast content to the contact is based on the selection option

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2013

(21) Application No.2269/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AUTOMATIC DISHWASHING COMPOSITION

(51) International classification :C11D7/26,C11D7/32,C11D3/37
(31) Priority Document No :1016001.8
(32) Priority Date :23/09/2010
(33) Name of priority country :U.K.
(86) International Application No:PCT/GB2011/051796
Filing Date :22/09/2011
(87) International Publication No :WO 2012/038755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DIXON Nicholas John

(57) Abstract :
An automatic dishwashing composition offering good performance especially in the removal of stubborn stains such as tea stains comprises a chelating agent selected from hydroxyethyliminodiacetic acid glucoheptonic acid hydroxyethylethylenediaminetriacetic acid poly(acrylic acid co hypophosphite) and salts complexes and mixtures thereof; wherein the composition is substantially free of phosphate containing builders and substantially free of bleaching compounds.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2013

(21) Application No.2968/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE CAPTURE APPARATUS AND CONTROL METHOD THEREOF, AND LENS UNIT

(51) International classification :H04N5/00
(31) Priority Document No :2012-162122
(32) Priority Date :20/07/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AKIRA KANO

(57) Abstract :
A plurality of types of interchangeable lenses having mutually different optical parameters required for identifying the optical correction values can be attached to the image capture apparatus. First, predetermined optical parameters are obtained regardless of what type of interchangeable lens is attached. Furthermore, in the case where the type of the attached interchangeable lens is a type that requires different optical parameters than the predetermined optical parameters for identifying the optical correction value, the necessary optical parameters are obtained. The optical correction value is identified based on the type of the attached interchangeable lens using the predetermined optical parameters, other optical parameters, and so on, and optical correction is then carried out.

No. of Pages : 65 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2013

(21) Application No.2969/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A COMBINED STORAGE AND DOCKING UNIT FOR A PORTABLE ELECTRONIC DEVICE

(51) International classification :G01C
(31) Priority Document No :1211988.9
(32) Priority Date :05/07/2012
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)John K Harding
2)Steve David Fleming

(57) Abstract :
A combined storage and docking unit 20 for attachment to the instrument panel 10 of a motor vehicle is disclosed in which a portable electronic device such as an MP3 player or GPS Navigation device can be held in a display position by clamping it between lid 22 and storage box 21 parts of the combined storage and docking unit 20. The storage box 21 includes a trough shaped portion 25 in which the portable electronic device 5 can be stowed if it is not required to be used. The combined storage and docking unit 20 is of a simple construction and allows portable electronic devices 5 of differing size and shape to be accommodated.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2014

(21) Application No.448/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WASH RESISTANT ADHESIVE FOR BEVERAGE LABELS

(51) International classification :C09J133/04,C09J7/02,G09F3/10
(31) Priority Document No :61/504360
(32) Priority Date :05/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045489
Filing Date :05/07/2012
(87) International Publication No :WO 2013/006665
(61) Patent of Addition 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)YEADON Graham
2)VAN DER BENT Huig
3)VAN NOORT Jos
4)BECKER Harald
5)VAN DELET Edwin

(57) Abstract :
Various adhesives are described that are resistant to relatively hot aqueous washing solutions and particularly to hot caustic solutions used in bottle washing applications. The adhesives are used to adhere polymeric labels to containers such as beverage bottles and thereby enable the labeled bottles to be subjected to multiple washing operations without label removal or debonding.

No. of Pages : 16 No. of Claims : 24

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

(21) Application No.519/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DUAL CURRENT PATH FOR HIGH RATED CURRENTS

(51) International classification	:H01H1/38,H01H33/02,H01H33/14
(31) Priority Document No	:11171906.8
(32) Priority Date	:29/06/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/062457 :27/06/2012
(87) International Publication No	:WO 2013/000951
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)…KESSON Ulf

(57) Abstract :
A circuit breaker (100) is disclosed. The circuit breaker (100) comprises a first current path section (102a) and a second current path section (102b). At least one of the first and second current path section (102a 102b) comprises a first current path section member (106a 106b) and at least one second current path section member (107a 107b). The at least one second current path section member (107a 107b) is arranged in spaced relation to a surface (109a 109b) of the first current path section member (106a 106b). The at least one second current path section member (107a 107b) is electrically coupled with the first current path section member (106a 106b) via at least a first coupling surface portion (110a 110b) of the surface (109a 109b) of the first current path section member (106a 106b).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2240/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SINGLE WALL CARBON NANOTUBE PURIFICATION PROCESS AND IMPROVED SINGLE WALL CARBON NANOTUBES

(51) International classification :D01F9/12
(31) Priority Document No :61/531504
(32) Priority Date :06/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052692
Filing Date :28/08/2012
(87) International Publication No :WO 2013/036405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SILVY Ricardo Prada
2)TAN Yongqiang

(57) Abstract :
Disclosed are methods for decapping single wall carbon nanotubes and purifying the decapped single wall carbon nanotubes. The disclosed methods include the steps of oxidizing the single wall carbon nanotubes to remove the terminal end cap and subsequently acid washing the single wall carbon nanotubes to remove the catalyst particles. The resulting carbon nanotubes have improved BET surface area and pore volume.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013

(21) Application No.2301/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CELL VOLTAGE DETECTING CONNECTOR

(51) International classification :H01R24/28,H01M8/04,H01M8/24
(31) Priority Document No :2010215290
(32) Priority Date :27/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071908
Filing Date :26/09/2011
(87) International Publication No :WO 2012/043486
(61) Patent of Addition 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)MIZUSAKI Kimiharu
3)KOBAYASHI Yoshiyuki
4)ARIYOSHI Toshiaki

(57) Abstract :
Provided is a multi pole connector unit wherein the accumulated tolerance associated with the arrangement of terminal fittings is eliminated and workability is improved. When all of the receptacle terminals (94) are inserted into receptacle insertion grooves (22) the receptacle terminals (94) buckle at a scored section (98) and a buckling hole (97) formed as the boundary for a receptacle base portion (95) and a receptacle front portion (96). The receptacle insertion grooves (22) are formed in a state with substantially no tolerance and thus when a terminal pitch tolerance correction housing (10) is attached to a receptacle unit (90) the receptacle terminals (94) (receptacle front portions (96)) which protrude from the receptacle insertion grooves (22) towards the bottom section inner surface (15) are corrected to be in a state with substantially no tolerance

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013

(21) Application No.2302/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONTROL APPARATUS INTEGRATED TYPE ROTATING ELECTRICAL MACHINE

(51) International classification :H02K5/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/072351
Filing Date :13/12/2010
(87) International Publication No :WO 2012/081068
(61) Patent of Addition 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 :7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan
(72)**Name of Inventor :**
1)ISODA Hitoshi
2)FUJITA Masahiko

(57) Abstract :
To reduce the potential difference to be applied to a plurality of power modules of a power conversion circuit to reduce variation in the currents to be supplied and to improve the strength of power input/output terminals and other terminals. [Solution] A control apparatus integrated type rotating electrical machine of the present invention is provided with: a heat sink that has mounted thereon a plurality of power modules that compose a power conversion circuit; a power input/output conductor that is anchored to a bus bar electrically connected to a DC power supply and that is electrically connected to the DC power supply and the bus bar; an insulator case that is anchored to the heat sink and that is equipped with terminals electrically connected to the bus bar and the plurality of power modules. The bus bar was made to be provided with an electrical connection section located at one place and a mechanical connection section located at least at one place other than the place the electrical connection section is located and was also made to be electrically connected to the terminals via the electrical connection section located at one place and mechanically connected to the heat sink or a bracket with insulators interposed therebetween via the mechanical connection section located at least at one place.

No. of Pages : 48 No. of Claims : 11

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

(21) Application No.520/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF REMOVING ALKYLENE HALOGENOHYDRIN FROM CELLULOSE ETHER

(51) International classification :B01D1/00,B01D3/00,C08B1/06
(31) Priority Document No :61/512115
(32) Priority Date :27/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047007
Filing Date :17/07/2012
(87) International Publication No :WO 2013/016059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ENGELMAN Richard A.
2)ZIETTLOW David W.
3)SCHEID JR. Robert E.
4)MALLON Charles B.
5)SPREHE Matthias
6)ARTHUR Andrew C.

(57) Abstract :
In a method of removing alkylene halogenohydrin from a cellulose ether the cellulose ether is provided water is added to the cellulose ether and subsequently alkylene halogenohydrin and water is removed from the cellulose ether by evaporation. Alternatively steam or a steam mixture can be sparged across or through the cellulose ether to remove halogenohydrin from the cellulose ether.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.3668/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DC ELECTRICAL MACHINES

(51) International classification :H01M
(31) Priority Document No :12182063.3
(32) Priority Date :28/08/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CRANE, Allan David

(57) Abstract :
The present invention provides a dc electrical machine with a large number of phases. The machine includes a rotor (8) and a stator assembly (6). The rotor (8) has Np rotating field poles. The stator (6) has Ns winding slots, where Ns/Np is a non-integer ratio. A stator winding includes a plurality of coils (4) received in the winding slots. A power electronic switching assembly includes first and second dc load terminals connected to external equipment and a plurality of switching modules (2). Each switching module (2) includes power electronic devices connected to a respective stator coil. A first proportion of the switching modules (2) are connected together in series between the first and second dc load terminals and a second proportion of the switching modules are connected together in series between the first and second dc load terminals to define two parallel dc circuits.

No. of Pages : 77 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/12/2012

(21) Application No.5543/CHE/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SMART DYNAMIC FLEXIBLE INTERFERENCE FREE ENVIRONMENT SAFE CLOSEDLOOP WIRELESS ENERGY TRANSFER/RECEIVE & CHARGE OPTIMSING SYSTEM WITH ACTIVE ADAPTIVE SELF STEERING STREAMS AND BEAMS BASED ON AMBIENT INTELLEGENCE

(51) International classification :G01S
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PRASAD MUTHUKUMAR

(57) Abstract :
Ambient intelligence and spatial - computing, filtering & processing based closed loop wireless energy transfer/receive system is a highly flexible design and technique with precise knowledge of environmental users and object to exactly transfer power to 5 scavenging device photo voltaic cell from power source utilising active and adaptive self steering multilevel multicast coherent energy power streams works based on (i) either one or both or network of ambient intelligent systems in environment, power sources and scavenging devices active and precisely sensing & tracking movement, status or change in status of environment & environmental users and objects in real time with its relative 10 direction, dimension, nature, multilayers, range or distance, orientation, position or location, presence and movement of users and objects particularly in Line of Sight [LOS] between power source and scavenging devices thereby correlating with respect to coherent energy power source and power scavenging device; (ii) constant & precisely sensing, tracking and correlating the position, altitude, location, direction, range, 15 orientation, dimension, device type, status of power requirement, status & efficiency of power transfer, state of polarisation, usage and operating modes between and with respect to power scavenging devices photovoltaic cell and coherent energy power source; (iii) actively sensing power sources & scavenging devices proximity environments - nature or property, direction, range and dimension; thereby the ambient 20 intelligent system, power sources and scavenging devices actively communicates with each other to share its status, parameters and interoperate with adaptive closed loop processing algorithm to actively track, compute - power transfer level, polarisation, direction & shaping of beam width, position to self steering & optimising the coherent power streams in 3 dimensional space ultimately to direct coherent energy source [E.g. 25 Light or LASER] with signal processing algorithm ultimately to protects users & other objects by controlling primary & secondary radiation exposure on user, optimise power transfer, precisely transfer power to required devices with right power, adopt the power transfer according to change in environment to continuously transfer power, reduce unnecessary interference, reduce electromagnetic pollution and to save power. Both the 30 power source and scavenging devices comprises of sensor system, communication system, transceiver circuitry, antenna system, processing unit, power transmitter components with source, power receiving components with scavenging devices and power source connected to external power supply. System utilise either single power source or network of power source, In case of network or multiple power source the 35 present system actively interoperates between each other to transfer power to scavenging devices precisely and efficiently.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.2228/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR CONTROLLING ATOMIZING DEVICE METHOD FOR CONTROLLING DISCHARGING DEVICE AND REFRIGERATOR

(51) International classification :F25D23/00,A23L3/36
(31) Priority Document No :2010210398
(32) Priority Date :21/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005276
Filing Date :20/09/2011
(87) International Publication No :WO 2012/039125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HASHIDA Takashi
3)YAMADA Muneto

(57) Abstract :
A control means (146) determines the atomized state at an atomizing electrode (135) and based on the determination result controls a voltage applying unit (202) and a heating unit (154) thereby controlling the difference between a dew point and an atomizing electrode temperature to have a value suitable for atomization.

No. of Pages : 71 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2012

(21) Application No.4090/CHE/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR A FAST BUS TRANSFER IN AN ELECTRICAL POWER SYSTEM

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

(71)**Name of Applicant :**
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3)RAHUL RADHAKRISHNAN
4)SETHURAMAN GANESAN

(57) Abstract :
A method for synchronizing and connecting a first sub power system with a second sub power system with an intelligent electronic device (IED) by use of at least one switching device between the first sub power system and the second sub power system in an electrical power system is provided. The method comprises the IED monitoring power supply parameters such as voltage magnitude, phase and other derived parameters such as voltage and phase differences in the first sub power system and the second sub power system to identify at least one instance for fast bus transfer where the two sub systems have acceptable differences in magnitude and phase. According to the identified one instance the IED has phase shifting or/and voltage magnitude correction carried out in anticipation for synchronizing power supplies on connection at the identified instance. The switching device is operated to make connection at the identified instance to have efficient and fast bus transfer. A synchronizing system is also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.488/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AXMI205 VARIANT PROTEINS AND METHODS FOR THEIR USE

(51) International classification :C12N15/82,C07K14/325,A01H5/00
(31) Priority Document No :61/512539
(32) Priority Date :28/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048496
Filing Date :27/07/2012
(87) International Publication No :WO 2013/016617
(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 :
Compositions and methods for conferring pesticidal activity to bacteria plants plant cells tissues and seeds are provided. Compositions comprising a coding sequence for pesticidal polypeptides are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria plants plant cells tissues and seeds. In particular isolated pesticidal nucleic acid molecules are provided. Additionally amino acid sequences corresponding to the polynucleotides are encompassed. In particular the present invention provides for nucleic acid molecules comprising nucleotide sequences encoding the amino acid sequence shown in SEQ ID NO:7 8 9 10 1 1 or 12 the nucleotide sequence set forth in SEQ ID NO:4 5 or 6 as well as variants and fragments thereof.

No. of Pages : 49 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.557/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AFFIXING NUT AND COMBINATION FAUCET

(51) International classification :F16K11/074,E03C1/042,E03C1/044
(31) Priority Document No :2011167020
(32) Priority Date :29/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060353
Filing Date :17/04/2012
(87) International Publication No :WO 2013/018403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KAWASAKI Atsuo
3)YASUI Ryuta

(57) Abstract :
In order to provide an affixing nut capable of both water drainage and waterproofing and a combination faucet the affixing nut (70) is provided with: an affixing nut screw section (73) that is formed to the outside peripheral surface (71); a tool snagging section (74) provided to one end in the axial direction of the affixing nut screw section (73); an outer o ring groove (78) that is provided to the outer peripheral surface (71) between the tool snagging section (74) and the affixing nut screw section (73) in the axial direction and that forms a seal against a member to which the affixing nut screw section (73) is threaded; and a water removal pathway (76) that interconnects the inner peripheral side and the outer peripheral side of the tool snagging section (74). Also a main faucet body (20) which is a combination faucet is provided with: a main body case (30) having a unit housing section (35) that houses a valve unit (80); and the affixing nut (70) that by means of causing the threading of the affixing nut screw section (73) to the unit housing section (35) in the state of the valve unit (80) being housed maintains the housed state of the valve unit (80) and forms a seal by means of an inner o ring groove (79) and the outer o ring groove (78).

No. of Pages : 83 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2013

(21) Application No.2415/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOTION VIDEO ENCODING APPARATUS MOTION VIDEO DECODING APPARATUS MOTION VIDEO ENCODING METHOD AND MOTION VIDEO DECODING METHOD

(51) International classification :H04N7/32
(31) Priority Document No :2010221471
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004122
Filing Date :21/07/2011
(87) International Publication No :WO 2012/042720
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SEKIGUCHI Shunichi
3)SUGIMOTO Kazuo

(57) Abstract :
Provided is a motion video encoding method wherein when an intra prediction unit (4) is to generate an intra prediction image by implementing intra frame prediction using an encoded image signal within a frame the intra prediction unit (4) selects a filter from among one or more filters prepared in advance in accordance with the states of various parameters related to the encoding of the block to be filtered and implements filtering of the prediction image using the filter. In such a way prediction errors to be generated locally can be reduced to improve image quality.

No. of Pages : 73 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2013

(21) Application No.2959/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TIMEPIECE DISPLAY MECHANISM

(51) International classification :G04B
(31) Priority Document No :12177696.7
(32) Priority Date :24/07/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ALTENHOVEN, THIERRY
2)BETTELINI, MARCO

(57) Abstract :
Timepiece display mechanism Timepiece movement (100) comprising a time-setting stem (2) which is moveable longitudinally and in rotation along a stem axis (T) in a bottom plate (3), said movement (100) comprising at least one display control mechanism (200) which includes at least one counter (1), an arbour (4) of which pivots about a pivot axis (D). Said axis (4) is secant with said stem axis (T), and pivots in a first jewel (6), a first external shoulder (61) of which is driven into said bottom plate (3), and a second external shoulder (62) of which pivotally guides the bore (71) of an intermediate time-setting wheel (7) controllable via said stem (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013

(21) Application No.3610/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TELEVISION PROGRAM PLAYING CONTROL METHOD AND THE SYSTEM THEREOF

(51) International classification :G06F
(31) Priority Document No :201210344686.7
(32) Priority Date :14/09/2012
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHEUNG, Ka Wing

(57) Abstract :
A television program playing control method and the system thereof are disclosed. The method includes the following steps: creating a television control interface which comprises a television program playing window and a message push window. The television program playing window is configured to play television program, and the message push window is configured to display push message acquired from a background server; while receiving a triggering command for the push message, acquire network link corresponding to the push message, and connect to internet according to the network link, and visit network object corresponding to the push message. It can expediently visit network while displaying television image, and through network push related network message to television users.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.561/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COIL WINDING METHOD AND WINDING APPARATUS

(51) International classification :H01F41/06,H01F5/00,H01F27/28
(31) Priority Document No :2011151444
(32) Priority Date :08/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/066327
Filing Date :27/06/2012
(87) International Publication No :WO 2013/008621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YOSHIMORI Hitoshi

(57) Abstract :
Provided is a simple configuration winding apparatus that can manufacture a coil wherein multiple unit winding sections with mutually different inner circumferences are formed continuously in the direction of a winding axis and unit coil sections comprised from the multiple unit winding sections are formed continuously in the direction of the winding axis. The coil winding apparatus related to the present invention is provided with: a shaft (5); a lead wire transport mechanism that transports a lead wire (22) along a straight line transfer path intersecting the shaft (5) and aligns the lead wire (22) with the outer surface of the shaft (5); and a bending mechanism (6) that bends the lead wire (22) along the outer surface of the shaft (5) by rotationally moving a pressing member (61) provided to press the lead wire (22) along a circular path about the shaft (5).

No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.449/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LIQUID CRYSTALLINE ANTIACNE GELL

(51) International classification :C09K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SEKHARIPURAM VISWANATHAN VEERRAMANI
2)RADHA VEIRRAMANI
3)SATISH KONDAKATH

(57) Abstract :
The invention disclosed herein is a stable topical liquid crystalline gel formulation comprising Adapalene, Clindamycin and Niacinamide along with pharmaceutical acceptable excipients, useful in the treatment of acne vulgaris.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2014

(21) Application No.449/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR THE AUTOMATIC INJECTION OF TWO DOSES OF A MEDICAMENT

(51) International classification :A61M5/20,A61M5/315,A61M5/32
(31) Priority Document No :FI2011A000193
(32) Priority Date :08/09/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/067431
Filing Date :06/09/2012
(87) International Publication No :WO 2013/034647
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1 Avenue de la Gare L 1611 Luxembourg
(72)**Name of Inventor :**
1)EDHOUSE Mark Jeffrey
2)DRIVER Philip Jerome
3)MOSELEY Guy Conwyn Julian
4)LEWIS Scott Alexander

(57) Abstract :
A device for the automatic injection of doses of a drug is disclosed comprising a slide (30) and cam means (23 28 36) a syringe unit (6) with a piston (8) and guide means (26) thereof; the axial movement of the slide initiated by the user by depressing its front end against the injection site causes the angular displacement of the cam means that in cooperation with the guide means controls the movement of the syringe piston and therefore the administration of a drug dose.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.485/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOVING IMAGE CAPTURE DEVICE INFORMATION PROCESSING SYSTEM INFORMATION PROCESSING DEVICE AND IMAGE DATA PROCESSING METHOD

(51) International classification :H04N7/173
(31) Priority Document No :2011162334
(32) Priority Date :25/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003575
Filing Date :31/05/2012
(87) International Publication No :WO 2013/014844
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OHBA Akio
2)SEGAWA Hiroyuki
3)SAITO Hideyuki

(57) Abstract :
A capture device is equipped with a stereo camera and generates a plurality of demosaiced images of different sizes in which the left and right frame images have been reduced in stepwise fashion. Further by cycling through the pixel rows of the rows of the images according to a predetermined rule to produce a connected stream there is generated a virtual composite image (222) that includes the plurality of demosaiced images in which the pixel rows of the rows are pixel rows having undergone one round of connection. A host terminal sends to the capture device a data request signal designating a plurality of areas within the composite image having a shared range in the longitudinal direction. The capture device clips out the designated areas and sends to the host terminal a stream of a new composite image (240) comprising only the clipped out areas. The host terminal cuts this into separate images which are expanded into consecutive addresses in a main memory (42).

No. of Pages : 89 No. of Claims : 13

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

(21) Application No.539/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MECHANICAL LOCKING OF FLOOR PANELS WITH A GLUED TONGUE

(51) International classification :E04F15/04,E04F15/02
(31) Priority Document No :11506359
(32) Priority Date :05/07/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050764
Filing Date :02/07/2012
(87) International Publication No :WO 2013/006133
(61) Patent of Addition 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 :Prstavgen 513 SE 263 65 Viken Sweden
(72)**Name of Inventor :**
1)PERVAN Darko

(57) Abstract :
A tongue (1) is shown with edge sections (3) that are used to glue the tongue into a groove (2) of panel.

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

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

(21) Application No.5621/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TEACHING DATA GENERATOR, ROBOT SYSTEM, AND METHOD FOR GENERATING TEACHING DATA

(51) International classification	:G06C	(71)**Name of Applicant :**
(31) Priority Document No	:2012-275601	**1)KABUSHIKI KAISHA YASKAWA DENKI**
(32) Priority Date	:18/12/2012	Address of Applicant :2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-0004 Japan
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)KENJI MATSUKUMA**
Filing Date	:NA	**2)MAKOTO UMENO**
(87) International Publication No	: NA	**3)TAKASHI SUYAMA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A teaching data generator (200) includes a storage device (201). An arithmetic device (204) includes a first window display section (2041, 2042) to cause a display device (202) to display a first window (D2, D3) displaying first images (41b) respectively corresponding to some pieces of work unit job data stored in the storage device and included in teaching data. The first images are arranged in an execution order of pieces of work respectively corresponding to the some pieces of the work unit job data. A first job editing section (2043) performs an editing operation including replacing the some pieces of the work unit job data with other pieces stored in the storage device, and changing the execution order. A teaching data generation section (2049) generates the teaching data based on a display content of the first window changed in accordance with the editing operation.

No. of Pages : 58 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.3185/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BATTERY PACK FOR VEHICLE

(51) International classification :H01M
(31) Priority Document No :2012-172809
(32) Priority Date :03/08/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Koji TAKIZAWA

(57) Abstract :
A battery pack for a vehicle is provided which includes a casing equipped with an air inlet and an exhaust outlet, a cooling fan installed within the casing, an exhaust hood attached to the casing so as to surround the exhaust outlet of the casing, and a flow path open/close mechanism. When subjected to the pressure of a flow of cooling air which is produced by the cooling fan and comes along a cooling air discharging path along, the flow path open/close mechanism opens the cooling air discharging path to emit the cooling air outside the battery pack from the exhaust outlet. When cooling fan is deactivated, the flow path open/close mechanism closes the cooling air discharging path. The structure of the flow path open/close mechanism is very simple and ensures the stability in operation thereof. The battery pack is also equipped with the exhaust hood which surrounds the exhaust outlet of the casing, thus minimizing the possibility of entry of foreign objects such as drops of water into the battery.

No. of Pages : 43 No. of Claims : 6

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

(21) Application No.518/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EDIBLE COMPOSITION COMPRISING CELLULOSE ETHER AND ITS USE AS FAT SUBSTITUTE IN DAIRY PRODUCTS

(51) International classification :A23L1/19
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/077696
Filing Date :27/07/2011
(87) International Publication No :WO 2013/013401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YUN Yonnie D.
2)YAN Zheng Y.
3)LI Ming H.
4)HUEBNER Britta
5)SHI Eric
6)SHI Xiuqin

(57) Abstract :
An edible composition comprising (a) a cellulose ether selected from (a1) methylcellulose (a2) hydroxypropyl methylcellulose and mixtures thereof; (b) a polysaccharide hydrocolloid selected from (b1) alginic acid alginates and mixtures thereof and mixtures of (b1) with (b2) a non ionic and non acidic polysaccharide hydrocolloid different from cellulose ethers wherein the total amount of cellulose ether (a) and polysaccharide hydrocolloid (b) ranges from 0.01 to 9 % by weight based on the total weight of the composition and the weight ratio of cellulose ether (a) to polysaccharide hydrocolloid (b) is within the range of from 1:8 to 8:1 and (c) water. The use of the edible composition to at least pa rtially substitute fat in an edible product such as a dairy product is also described.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.5291/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OVER SHAFT ROTARY ACTUATOR WITH INTERNAL CLAMP

(51) International classification :F15B15/06,F15B21/00
(31) Priority Document No :12/977667
(32) Priority Date :23/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064603
Filing Date :13/12/2011
(87) International Publication No :WO 2012/087659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WINDGASSEN William P.

(57) Abstract :
An over shaft rotary actuator with an internal clamp arrangement is provided. The actuator includes an internal clamp arrangement carried within a housing. A drive train and a motor also carried within the housing and mechanically coupled to the internal clamp arrangement. The internal clamp arrangement is centered on the plane that a driving torque is applied to the internal clamp arrangement to rotate a shaft.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.552/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CANNULA WITH CONTROLLED DEPTH OF INSERTION

(51) International classification :A61M5/32,A61M5/46
(31) Priority Document No :61/515547
(32) Priority Date :05/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049575
Filing Date :03/08/2012
(87) International Publication No :WO 2013/022772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DECKER Robert
2)SHETTY Gautam N.
3)SELL Devin

(57) Abstract :
A cannula (24) for administration of a medicine to a target location (26) includes a tube 40 ()with at least one nodule (50) disposed along the circumferential surface (46) and spaced at a defined distance (54) from the distal end (42) of the tube (40). An arrangement (20) for delivery of a medicine to a target location (26) includes the cannula (24) and a pump (22) fluidly coupled to the cannula (24). The distal end (42) of the cannula (24) may be inserted into a target location (26) until the nodule (50) reaches a surface (46) that limits a depth of penetration before delivery of the medication.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.574/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MULTI SPOT LASER SURGICAL PROBE USING FACETED OPTICAL ELEMENTS

(51) International classification :A61B1/07
(31) Priority Document No :61/521447
(32) Priority Date :09/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049297
Filing Date :02/08/2012
(87) International Publication No :WO 2013/022693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SMITH Ronald T.
2)ZICA Michael Arthur
3)BOUCH Dustin Jacob

(57) Abstract :
In particular embodiments of the present invention an optical surgical probe includes a handpiece configured to optically couple to a light source and a cannula at a distal end of the handpiece. The probe further includes at least one light guide within the handpiece. The light guide is configured to carry a light beam from the light source to a distal end of the handpiece. The probe also includes a multi spot generator in the cannula that includes a faceted optical adhesive with a faceted end surface spaced from a distal end of the light guide. The faceted end surface includes at least one facet oblique to a path of the light beam. In some embodiments the probe also includes a high conductivity ferrule at the distal end of the light guide. In other embodiments the cannula is formed from a transparent material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.3982/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD OF OVERRIDING A SCHEDULED TASK IN AN INTRUSION SYSTEM TO REDUCE FALSE ALARMS

(51) International classification :G06F
(31) Priority Document No :13/618405
(32) Priority Date :14/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAYIKUMAR VEMAGAL ASWATH
2)VINAY HEGDE

(57) Abstract :
Systems and methods of overriding a scheduled task in an intrusion system are provided. A method can include identifying a task scheduled to be executed at a scheduled time, identifying a recipient of an alert message for the task, identifying a transmission medium for the alert message for the task, identifying a predetermined period of time prior to the scheduled time, transmitting the alert message to the recipient via the transmission medium when the predetermined period of time prior to the scheduled time occurs, receiving a response message from the recipient, and, based on contents of the response message, executing the task at the scheduled time, canceling the task at the scheduled time, or rescheduling the task for a new scheduled time. The method can confirm receipt of a valid user password before executing, canceling, or rescheduling the task.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.499/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR TREATING CANCER BY COMBINED USE OF MEDICINAL AGENTS

(51) International classification :A61K31/506,A61K31/337,A61P35/00
(31) Priority Document No :2011169073
(32) Priority Date :02/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/069586
Filing Date :01/08/2012
(87) International Publication No :WO 2013/018829
(61) Patent of Addition 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)ARAI Yukinori

(57) Abstract :
There have been demands for a therapeutic method that increases the medicinal effects of taxane based antitumor agents on various tumors. [Solution] As a result of researches for a method for enhancing the antitumor effects of taxane based antitumor agents the inventors have achieved the present invention by confirming that a composition for the treatment of cancer said composition containing N [(2E) 3 (4 chlorophenyl) 2 propenoyl] N [2 oxo 2 (4 {[6 (trifluoromethyl)pyrimidin 4 yl]oxy}pyperidin 1 yl)ethyl] 3 pyridin 2 yl L alaninamide (FK330) or a salt thereof as an active ingredient enhances the antitumor effects of taxane based antitumor agents. Namely the present invention relates to a composition for the treatment of cancer which contains FK330 or a salt thereof as an active ingredient and which is for administration in combination with one or more antitumor agents that are selected from among taxane based antitumor agents.

No. of Pages : 60 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2013

(21) Application No.5776/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LEARNING AND OPTIMIZING CARE PROTOCOLS.

(51) International classification :G06F19/00
(31) Priority Document No :61/425394
(32) Priority Date :21/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/055571
Filing Date :09/12/2011
(87) International Publication No :WO 2012/085739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN ZON Cornelis Conradus Adrianus Maria
2)LAGOR Charles
3)LORD William
4)THEISS Stephan Hermann Rudolf

(57) Abstract :
A method (600) of learning and/or optimizing clinical protocols and/or clinical guidelines. Workflow data is received (602) for a plurality of patients. The workflow data includes a plurality of care steps and relations there between for each of the patients. One or more sequences of care steps are identified (604) from the workflow data. The identification includes determining (612) one or more most common sequences of care steps from the workflow data. The identified sequences of care steps include the most common sequences of care steps. One of the identified sequences of care steps is selected (606) and employed (608) as a clinical protocol and/or to generate a clinical guideline.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.6000/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MULTI-AXIS MOTOR DRIVING SYSTEM AND MOTOR DRIVING APPARATUS

(51) International classification	:F28D
(31) Priority Document No	:2012-285553
(32) Priority Date	:27/12/2012
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YUSUKE OKA
2)TADASHI OKUBO
3)AKIRA TAKEUCHI

(57) Abstract :
Provided is a multi-axis motor driving system, including a plurality of motor driving apparatuses respectively connected to motors and each provided with a regenerative power consumption unit for consuming regenerative power generated from the corresponding motor. The plurality of motor driving apparatuses are connected to the common DC bus. The plurality of motor driving apparatuses each include a regenerative controller for controlling start and stop of activation of the regenerative power consumption unit based on a voltage of the common DC bus.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.5252/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ONE PIECE SEAT BACK FRAME AND METHOD OF MANUFACTURING

(51) International classification :B60N2/68
(31) Priority Document No :61/432664
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021551
Filing Date :17/01/2012
(87) International Publication No :WO 2012/097370
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GIBBS Donald Ted

(57) Abstract :
A one piece seat back frame for a seat assembly and method of forming includes a first member and an opposed second member spaced a predetermined distance apart. A third member extends between the first and second members. A fourth member is spaced a predetermined distance from the third member and has an initial predetermined dimension that is over sized a predetermined amount to form an excisable slip plane portion and a final predetermined dimension after the excisable portion is removed and free ends rejoined so that the one piece seat back frame can be adjusted prior to rejoining the free ends. The methodology removes the excisable portion attaches a component to the frame aligns the component by manipulating the fourth member free ends in the slip plane and rejoins the fourth member tree ends.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.5709/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPLICATION APPARATUS FOR APPLYING AN APPLICATION MEDIUM TO A COMPONENT

(51) International classification :B05B15/04,B05B1/16,B05B9/01
(31) Priority Document No :10 2010 056 071.5
(32) Priority Date :23/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/006488
Filing Date :21/12/2011
(87) International Publication No :WO 2012/084238
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HOFFMANN Peter

(57) Abstract :
The invention relates to an application apparatus for applying an application medium to a component in particular for applying a sealant to a body component. The application apparatus comprises an elongated part (10) which is rotatable about the longitudinal axis thereof and has a nozzle head (11) with at least one nozzle D1 in order to dispense the application medium and a valve unit (20) in order to control the supply of the application medium to the at least one nozzle D1. The valve unit (20) is formed outside the nozzle head (11) and is arranged at least in certain portions along the elongated part (10) in the direction of the nozzle head (11).

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.571/CHENP/2014 A
(43) Publication Date : 10/10/2014

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

(51) International classification	:H04W28/16,H04J11/00,H04W72/04
(31) Priority Document No	:2011167567
(32) Priority Date	:29/07/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/068925 :26/07/2012
(87) International Publication No	:WO 2013/018639
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)TAKEDA Kazuaki

(57) Abstract :
To improve reception quality in a user terminal as well as broaden bandwidth of a system band coordinated multi point transmission and reception (CoMP) is flexibly applied in a system band consisting of a plurality of basic frequency blocks. The present invention has: a first wireless base station device (20A) for transmitting downlink data to a user terminal (10) using a plurality of cells each corresponding to a basic frequency block with a different frequency band; and a second wireless base station device (20B) for transmitting downlink data to a user terminal (10) using a plurality of cells corresponding to a basic frequency block with the same frequency band for each cell wherein the first wireless base station device (20A) and the second wireless base station device (20B) carry out a coordinated multi point transmission to a user terminal (10) between cells corresponding to a same basic frequency block and notify the user terminal (10) about the information of cell combinations of the cells carrying out the coordinated multi point transmission.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.603/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FOLDING PANEL NEEDLE GUARD

(51) International classification :A61M5/32,A61M5/00
(31) Priority Document No :13/189704
(32) Priority Date :25/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048023
Filing Date :24/07/2012
(87) International Publication No :WO 2013/016365
(61) Patent of Addition 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)DOWDS Philip E.
3)VERESPEJ James M.
4)FIELD Frederic P.

(57) Abstract :
A folding panel needle guard comprises front and rear panels coupled together at hinges a collar attached to the front panels at hinges a guard base element coupled to the rear panels at hinges a hub and a spring to unfold and lock the front and rear panels in a co linear needle shielded configuration. The folding panel needle guard is mountable to a needle or syringe assembly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.553/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMBINATION FAUCET

(51) International classification :F16K11/078,E03C1/044,F16K11/074
(31) Priority Document No :2011167019
(32) Priority Date :29/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060352
Filing Date :17/04/2012
(87) International Publication No :WO 2013/018402
(61) Patent of Addition 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)YASUI Ryuta
3)KAWASAKI Atsuo

(57) Abstract :
To provide a combination faucet that can regulate a predetermined state of a water discharge flow rate by means of a simple structure a valve unit (80) that is the combination faucet is provided with: a lever shaft (90) that can adjust the mixing fraction of water and hot water and the outflow rate of the mixed water; a range of motion limiting hole (116) that limits the range of motion of the lever shaft (90); a pin (92) that protrudes from the lever shaft (90); and a lever shaft support section groove (112). The lever shaft support section groove (112) has: a free motion section (113) that allows the pin (92) to enter inside and that causes the pin (92) which moves along with the operation of the lever shaft (90) to be able to move in a limited range of motion that is the range of motion of the lever shaft (90) limited by the range of motion limiting hole (116); a motion limiting section (115) that limits the motion of the lever shaft (90) by means of limiting the motion of the pin (92) resulting from the motion of the lever shaft (90) in a predetermined direction of the limited range of motion; and a slide section (114) that enables the pin (92) to move between the free motion section (113) and the motion limiting section (115).

No. of Pages : 88 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.5649/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VOLTAGE COMPENSATING PISTON FUEL PUMP AND FUEL DELIVERY SYSTEM THEREWITH

(51) International classification	:F02M37/08,F23N1/00,F02M37/00
(31) Priority Document No	:12/974218
(32) Priority Date	:21/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/064767 :14/12/2011
(87) International Publication No	:WO 2012/087688
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)ACHOR Kyle

(57) Abstract :
A piston type fuel pump (12) is provided. The fuel pump (12) includes a housing (40) bounding an internal cavity with a cylindrical tube (58) disposed in the internal cavity. The cylindrical tube (58) provides a bore (66) extending along an axis and a piston (68) is disposed in the bore (66). A spring (78) is configured to bias the piston (68) in a first direction along the axis. A coil (52) is disposed about the cylindrical tube and a control circuit (32) is disposed in the internal cavity. The control circuit (32) is configured in electrical communication with the coil (52). The voltage supplied to the control circuit (32) can be varied with the control circuit (32) compensating for the variable supply voltage to regulate the actuation of the coil (52) from a de energized state to an energized state. The piston (68) is biased in a second direction opposite the first direction in response to the coil (52) being actuated.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.575/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ARTICULATING OPHTHALMIC SURGICAL PROBE

(51) International classification :A61B1/00,A61B1/06
(31) Priority Document No :61/514751
(32) Priority Date :03/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049160
Filing Date :01/08/2012
(87) International Publication No :WO 2013/019859
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MCCOLLAM Christopher
3)AULD Jack

(57) Abstract :
An articulating optical surgical probe includes a handle sized to fit in a single hand and a single rigid cannula extending from the handle having a diameter of 20 Ga or less. The probe further includes a slotted tip at a distal end of the cannula and at least one optical fiber extending through the handle the single rigid cannula and the slotted tip and a pull wire secured to the slotted tip. When the pull wire exerts tension on the slotted tip the slotted tip will deviate from straight to a bend angle controlled by the tension in the pull wire. The slotted tip is formed from a resilient material that will restore to the straight position when the tension exerted by the pull wire is released.

No. of Pages : 19 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2013

(21) Application No.6065/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SEAWATER DESALINATION APPARATUS, SEAWATER DESALINATION METHOD, AND SET OF FLOCCULANTS FOR SEAWATER DESALINATION

(51) International classification :C02F
(31) Priority Document No :2012-286525
(32) Priority Date :28/12/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HIROSHI SASAKI

(57) Abstract :
An object is to suppress fouling of a reverse osmosis (RO) membrane and to reduce a water desalination cost (running cost) in seawater desalination. A seawater desalination apparatus includes an intake unit which takes in seawater containing impurities as a water to be treated; a flocculation unit which includes flocculant reservoirs storing flocculants and feeds the flocculants from the flocculant reservoirs to the seawater to form floes containing the impurities in the seawater; a floe removing unit which removes the floes from the seawater; and a desalination unit which desalinates the resulting seawater. In this apparatus, the flocculants include both a metal salt containing a trivalent metal ion; and a composite flocculant including two or more anionic polymers having different weight-average molecular weights. The metal salt and the composite flocculant are added in this order to the seawater.

No. of Pages : 48 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.573/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING ORIENTED MAGNETIC STEEL SHEET

(51) International classification :C21D9/46,C21D8/12,H01F1/16
(31) Priority Document No :2011176663
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070238
Filing Date :08/08/2012
(87) International Publication No :WO 2013/024772
(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 method for producing an oriented magnetic steel sheet by subjecting a post cold rolling coil for an oriented magnetic steel sheet to primary recrystallization annealing applying an annealing separation agent and performing finishing annealing wherein in the heating step of the primary recrystallization annealing rapid heating is performed between 500 700°C at least at 80°C/sec and in the heating step of finishing annealing a holding process is performed that holds for 2 100 hours between 700 1000°C.
Preferably product yield is increased and shape defects arising in finishing annealing are reduced by means of additionally performing finishing annealing after laying down an insulating material onto the upper surface of a coil pedestal which is in the annealing furnace used in finishing annealing in a concentric manner from the outer peripheral side and at least at 20% of the radius of the coil pedestal.

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013

(21) Application No.5838/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SWITCHING PROCESS AND ASSOCIATED CONTROL DEVICE

(51) International classification :H02B
(31) Priority Document No :1262883
(32) Priority Date :27/12/2012
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SIALA, SAMI
2)REDDY, BATTU PRAKASH

(57) Abstract :
This invention relates to a process for switching the voltage supply (12) for an alternating current electric engine (16) between a supply from an ASD (32) and a supply from an electrical network (22), whereby the process comprises a stage for determining an ideal speed of rotation for the electric engine (16) and for synchronising the phase and the amplitude of the voltage delivered by the ASD (32) with the voltage delivered by the electrical network (22).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013

(21) Application No.5839/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR DISTRIBUTED COMPUTING USING AUTOMATED PROVISIONING OF HETEROGENEOUS COMPUTING RESOURCES

(51) International classification :G06C
(31) Priority Document No :13/730,450
(32) Priority Date :28/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WISE, Genald Bowden
3)YAN, Weizhong
4)BRAHMAKSHTRIYA, Umang Gopdalhai

(57) Abstract :
A system (201) for distributed computing includes a job scheduler module (310) configured to identify a job request (204) including request requirements and comprising one or more individual jobs (504). The system (201) also includes a resource module (304) configured to determine an execution set of computing resources from a pool of computing resources (206) based on the request requirements. Each computing resource of the pool of computing resources has an application programming interface. The pool of computing resources (206) comprises public cloud computing resources (208) and internal computing resources (210, 212). The system (201) further includes a plurality of interface modules (313), where each interface module is configured to facilitate communication with the computing resources (206) using the associated application programming interface. The system (201) also includes an executor module (312) configured to identify the appropriate interface module based on facilitating communication with the execution computing resource and transmit jobs for execution to the execution computing resource using the interface modules (313).

No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2013

(21) Application No.6164/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MEDIUM VOLTAGE SUPPORT INSULATOR

(51) International classification :H01J
(31) Priority Document No :13 50258
(32) Priority Date :11/01/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)BERARDENGO, FLORENT

(57) Abstract :
This support insulator includes a body (1), the end regions (2, 3) whereof are provided with recesses (10) having a lateral opening (12) for accommodating metal inserts (5) which are inserted there after having been separately manufactured, then held by tightening forces with no need to fasten the inserts (5) within the body (1). Manufacture is simplified and recycling of the support insulator at the end of its service is easier. Application to support of medium voltage electrical conductors in electrical equipment, particularly those having casings.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2014

(21) Application No.4157/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WOUND PROTECTING AND FIXING DEVICE

(51) International classification :A61F13/00,A61M27/00,A61M3/02
(31) Priority Document No :201110403898.3
(32) Priority Date :07/12/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/071199
Filing Date :16/02/2012
(87) International Publication No :WO 2013/082883
(61) Patent of Addition 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 wound protecting and fixing device comprises at least one opening comprising protecting and fixing layer (1). The opening comprising protecting and fixing layer (1) is longitudinally provided with an opening (11) in communication with upper and lower end surfaces thereof. The opening (11) surrounds the wound therein so that the opening comprising protecting and fixing layer (1) can limit the increase of the tension of the wound and movement incurred wrinkles of the skin at the wound. The opening comprising protecting and fixing layer (1) may have a flexible opening protecting and fixing layer (1a) and a rigid opening protecting and fixing layer (1b). The wound protecting and fixing device can prevent the wound from being torn open or splitting prevent wrinkles incurred by the movement of the skin at the wound and prevent damages incurred by relative displacement and friction between the wound the dressing and the infusion catheter to the wound.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.469/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ANNULAR BARRIER WITH SAFETY METAL SLEEVE

(51) International classification :E21B33/127
(31) Priority Document No :11181068.5
(32) Priority Date :13/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/067819
Filing Date :12/09/2012
(87) International Publication No :WO 2013/037816
(61) Patent of Addition 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)VASQUES Ricardo Reves

(57) Abstract :
The present invention relates to an annular barrier to be expanded in an annulus between a well tubular structure and an inside wall of a borehole downhole for providing zone isolation between a first zone and a second zone of the borehole. The annular barrier comprises a tubular part for mounting as part of the well tubular structure an expandable metal sleeve surrounding the tubular part and having an inner face facing the tubular part and an outer face facing towards the inside wall of the borehole each end of the expandable metal sleeve being connected with a connection part which is connected with the tubular part a space between the inner face of the expandable metal sleeve and the tubular part and an expansion opening in the tubular part through which fluid may enter into the space in order to expand the expandable metal sleeve wherein the annular barrier further comprises a first safety metal sleeve surrounding the tubular part and abutting the expandable metal sleeve and said first safety metal sleeve having a first inner face abutting the face of the expandable metal sleeve each end of the first safety metal sleeve being connected with the connection part which is connected with the tubular part.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.609/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITE FLAME RETARDANT RESIN COMPOSITION AND MOLDED ARTICLE

(51) International classification :C09K21/02,C08K3/22,C08L101/00
(31) Priority Document No :2012089441
(32) Priority Date :10/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/061140
Filing Date :09/04/2013
(87) International Publication No :WO 2013/154200
(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)MIYATA Shigeo

(57) Abstract :
A purpose of the present invention is to provide a composite flame retardant which exhibits excellent flame retardancy and excellent dispersibility in resins while being suppressed in decrease of mechanical strength. Another purpose of the present invention is to provide a resin composition which contains the composite flame retardant. The present invention is a composite flame retardant which contains (i) 100 parts by weight of magnesium hydroxide particles (A) that have an average thickness of 10 100 nm an average width of 2.4 μm or more and an average aspect ratio of 20 120 and (ii) 100 900 parts by weight of magnesium hydroxide particles (B) that have an average width of 1 μm or less and an average aspect ratio of less than 20.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.630/CHENP/2014 A
(43) Publication Date : 10/10/2014

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

(51) International classification :H02J7/00,E02F9/20
(31) Priority Document No :2011143262
(32) Priority Date :28/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/066038
Filing Date :22/06/2012
(87) International Publication No :WO 2013/002149
(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 shovel is provided with a lower travelling body (1) an upper rotating body (3) provided to the lower travelling body a power storage device (120) provided to the upper rotating body a converter (100) connected to the power storage device and a control unit (30) for controlling the converter. The control unit (30) passes electricity to the power storage device and the converter when the shovel starts up detects a status value representing the status of the power storage device controls the converter (100) on the basis of a comparison result obtained by comparing the detected status value with a predetermined value and thus restricts the output of the power storage device.

No. of Pages : 82 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.566/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING A TOOTHBRUSH AND TOOTHBRUSH

(51) International classification :B29C45/16,A46B5/00
(31) Priority Document No :11405297.0
(32) Priority Date :05/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/CH2012/000175
Filing Date :25/07/2012
(87) International Publication No :WO 2013/020237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCH„R Michael
3)ZWIMPFER Martin
4)ZURFLUH Peter

(57) Abstract :
The invention relates to a handle body (1a..1g) in particular of a body care article such as a toothbrush comprising a handle part (4a..4g) a neck part (3a..3g) and a head part (2a..2g) wherein the handle body (1a..1g) comprises a first and second material component (7 8) of thermoplastic. The first and second material components (7 8) have a common injection point (10) which is arranged outside a mould separating line (12) formed by the mould separation.

No. of Pages : 58 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6278/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR NEGOTIATING FLOW LABEL AND RELATED DEVICE AND SYSTEM THEREOF

(51) International classification :H04L12/56
(31) Priority Document No :201110035177.1
(32) Priority Date :09/02/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/070763
Filing Date :30/01/2012
(87) International Publication No :WO 2012/106986
(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 method for negotiating a flow label and a related device and system thereof aimed at solving the problems of unnecessary protocol overhead and error processing caused by the fact that the flow label mechanism cannot be used normally when the multi path LSP forwarding technology is employed. The method provided by the embodiments of the present invention includes: constructing an RSVP TE path message including a first flow label (FL) ability flag bit; marking the local FL transmitting/receiving ability in the first FL ability flag bit; transmitting the path message to an egress node through a load allocation node; receiving an RSVP TE reserved message transmitted by the egress node through the load allocation node wherein the reserved message includes a second FL ability flag bit; and obtaining the FL transmitting/receiving ability of the egress node from the second FL ability flag bit so as to complete the negotiation of the FL. Furthermore also provided are a related device and system for realizing the method.

No. of Pages : 50 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.628/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SOLAR LIGHT COLLECTION SYSTEM AND SOLAR THERMAL ELECTRIC POWER GENERATION SYSTEM

(51) International classification :F24J2/38,F03G6/00,F24J2/12
(31) Priority Document No :2011150359
(32) Priority Date :06/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062498
Filing Date :16/05/2012
(87) International Publication No :WO 2013/005479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MITSUNARI Toshiyasu

(57) Abstract :
Provided are a solar light collection system and a solar thermal electric power generation system configured so that rows of light collection mirrors can be efficiently arranged. This trough type solar light collection system (10) is provided with rows (A B) of light collection mirrors (13) having reflection sections (12) for concentrating light on rectilinearly extending receivers (11). The light collection mirrors (13) are configured so as to be capable of rotating or pivoting about the center axes (P) extending along the receivers (11). Each of the center axes (P) is positioned in such a manner that the rectilinear distance in the direction perpendicular to the center axis (P) measured between the center axis (P) and each of the outer edges (N1 N2) of each of the light collection mirrors (13) is the smallest the outer edges (N1 N2) being the farthest ends of the light collection mirror (13) from the center axis (P). The solar light collection system (10) enables the diameter (D) of rotation of the light collection mirrors (13) to be reduced and this enables the rows of the light collection mirrors (13) to be arranged at a small interval within a range which does not cause mechanical interference due to the rotation or pivoting. As a result the light collection mirrors (13) can be efficiently arranged.

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.638/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL COMPONENT LAYOUT STRUCTURE FOR ELECTRIC AUTOMOBILE

(51) International classification :B62M6/90,B62K19/40
(31) Priority Document No :201110213506.7
(32) Priority Date :28/07/2011
(33) Name of priority country :China
(86) International Application No :PCT/JP2012/068355
Filing Date :19/07/2012
(87) International Publication No :WO 2013/015196
(61) Patent of Addition 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)MA Rui
3)HUANG Fu Ying
4)JIANG Yun

(57) Abstract :
Provided is an electrical component layout structure for an electric automobile capable of lowering the center of gravity of a battery as quickly as possible and of increasing the capacity of the battery. In an electrical component layout structure for an electric automobile (10) with a battery (38) housed between a seat pipe (18) and a rear wheel (WR) a drive control device housing unit (44) is provided that comprises a housing section (172) disposed between a pair of left and right second subframes (26) and bulging downward from the second subframes (26) and that houses therein a drive control device (170) and a lid section (174) for covering the housing section (172) from above and securing a battery holder (40) above the housing section (172).

No. of Pages : 50 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.472/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROPYLENE BASED POLYMER WITH LOW ASH CONTENT AND PROCESS

(51) International classification :C08F10/06,C08F4/651,H01B3/00
(31) Priority Document No :61/512592
(32) Priority Date :28/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048230
Filing Date :26/07/2012
(87) International Publication No :WO 2013/016478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHOU Chai Jing

(57) Abstract :
The present disclosure provides a process for producing a wash free propylene based polymer with low total ash content for use as dielectric film. The propylene based polymer contains a substituted phenylene aromatic diester and is suitable as a dielectric material for electrical devices.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2013

(21) Application No.503/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CATALYST HAVING MONOLITHIC STRUCTURE FOR MANUFACTURING ETHYLENE GLYCOL BY OXALATE HYDROGENATION PREPARATION METHOD AND APPLICATION THEREOF

(51) International classification	:B01J23/72,B01J23/889,B01J23/83
(31) Priority Document No	:201010207694.8
(32) Priority Date	:24/06/2010
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2011/076038 :21/06/2011
(87) International Publication No	:WO 2011/160577
(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)ZHAO Yujun
3)WANG Shengping
4)LV Jing
5)WANG Baowei
6)LI Zhenhua
7)XU Yan

(57) Abstract :
A catalyst having monolithic structure for manufacturing ethylene glycol by oxalate hydrogenation its preparation method and application are disclosed. The catalyst consists of honeycomb carrier additive and active component wherein the carrier is ceramic honeycomb or metal honeycomb; the additive is one or more oxides or metals selected from the group consisting of Al Si Ba Ca Ti Zr Fe Zn Mn V La Ce with the weight being 5 60% of the honeycomb carrier; the active component is Cu with the weight being 1 25% of the honeycomb carrier; the active component Cu and additive are carried on the honeycomb carrier in a form of coating with the total weight of coating being 10 60% of the honeycomb carrier and the weight of Cu being 10 40% of the total weight of coating. The catalyst has high activity and ethylene glycol selectivity is environment friendly pollution free and suitable for large scale industrial production.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014
(21) Application No.592/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRESSER FINGER FOR A ROVING WINDER ROVING WINDER AND METHOD OF WINDING A ROVING

(51) International classification :B65H54/36,D01H1/36
(31) Priority Document No :2011398
(32) Priority Date :30/06/2011
(33) Name of priority country :Czech Republic
(86) International Application No :PCT/CH2012/000136
Filing Date :22/06/2012
(87) International Publication No :WO 2013/000097
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HASKA Petr

(57) Abstract :
The invention relates to a presser finger (4) which is a component of a winder for winding a roving on to a rotating bobbin (1) with a longitudinal axis (10). The presser finger (4) has a carrying arm (40) with a longitudinal axis (8) and a roving guide element. The presser finger (4) also has a guide plate (5) for guiding the roving on to a rotating bobbin (1). The presser finger (4) is alternatingly movable in the direction (X) of the longitudinal axis (10) of the rotating bobbin (1) and this movement of the presser finger (4) is provided by a drive means. The invention also relates to a roving winder with the aforementioned presser finger (4) and a method of winding a roving with the aid of the aforementioned presser finger (4).

No. of Pages : 19 No. of Claims : 13

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

(21) Application No.6211/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INK JET PRINTING METHOD

(51) International classification :B41M7/00,B41M5/00
(31) Priority Document No :1102548.3
(32) Priority Date :14/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050329
Filing Date :14/02/2012
(87) International Publication No :WO 2012/110802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GOULD Nigel
2)WARD Jeremy
3)FASSAM Robert
4)MCGREGOR Barry

(57) Abstract :
The present invention provides a method of inkjet printing comprising the following steps in order: (i) providing a hybrid inkjet ink comprising an organic solvent a radiation curable material a photoinitiator and optionally a colorant; (ii) printing the ink on to a substrate; (iii) pinning the ink by exposing the ink to actinic radiation at a dose of 1 200 mJ/cm; (iv) evaporating at least a portion of the solvent from the ink; and (v) exposing the ink to additional actinic radiation to cure the ink.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2014

(21) Application No.641/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PLASTIC LAYER FOR A SMART CARD

(51) International classification :B29C
(31) Priority Document No :13155635.9
(32) Priority Date :18/02/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DROZ, FRANCOIS

(57) Abstract :
Plastic layer for a smart card The plastic sheet (22), involved in the manufacturing of a plurality of smart cards which respectively include a plurality of electronic units, is formed of a first material (2), having a first hardness or a first Vicat softening temperature, and of a second material (6) having a second hardness lower than the first hardness, respectively a second Vicat softening temperature lower than the first Vicat softening temperature. The second material is located in a plurality of areas of the plastic sheet which are respectively intended to at least partially receive said plurality of electronic units, via penetration of this plurality of electronic units into the second material during fabrication of the plurality of smart cards.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.554/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE AND METHOD FOR GROUPING ARTICLES

(51) International classification :B65G47/08,B65H33/18,B65B25/14
(31) Priority Document No :102011105887.0
(32) Priority Date :27/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/002132
Filing Date :18/05/2012
(87) International Publication No :WO 2013/000527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SCHULTE Josef
2)PRAHM Andreas
3)BRANDHORST Bjrn

(57) Abstract :
The invention relates to a device for grouping (flat) articles (10) in particular hygiene products such as diapers wherein the articles (10) to be grouped can be transported individually and in succession on a feed conveyor (19) and can be fed to a group conveyor (12). The invention is characterized in that the group conveyor (12) has compartments (13) for one group (11) of articles (10) respectively in which the articles (10) are arranged preferably in an upright position in particular in close proximity to one another wherein the articles (10) can be conveyed by the feed conveyor (10) at an angle in particular substantially transversely with respect to the conveying direction of the group conveyor (12) and can be conveyed by means of a substantially conical conveyor (24) in the transportation direction of the group conveyor (12) to form a group (11) of articles in a compartment (13).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2013

(21) Application No.6144/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR RESTORING POWER BASED ON FORECASTED LOADS

(51) International classification :H01L
(31) Priority Document No :13/745,000
(32) Priority Date :18/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NIGAM, Atual
3)ARVIND, Kamal kumar
4)BAIN, Mary Elizabeth

(57) Abstract :
A system (400) for use in restoring power to a power distribution network (100) is provided. The system includes a forecast system (415) configured to generate forecast information about the power distribution network, and a fault detection, isolation, and recovery (FDIR) system (405) coupled to the power distribution network is configured to generate fault information about at least one zone (211,212,213,221,222,230) in the power distribution network, receive forecast information from the forecast system, identify at least one alternate source of power (455) for the at least one zone, and generate a restoration plan based on the fault information and the forecast information.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.625/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOLECULAR DOCKING NOVEL SEMICARBOZONE

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

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2)DR. N. VENKATESHAN

(57) Abstract :
The present invention deals with molecular docking of novel semicarbazones for its pharmacological activity. Docking software programs such as protein preparation wizard (Maestro 8.5, Schrodinger, LLC), Marvin sketch-5.0.6.1 (Chemaxon), MGL Tools-1.4.6 and AutoDock4 (The Scripps Research Institute) have been used. Molecular docking studies were performed with X-ray crystal structure of human PPARa and PPARy using AutoDock4 (The Sripps Research Institute). Docking procedures were carried out by the method developed by Agnes et al. Structures of ligands (Compound 01 to Compound 32) were sketched using Marvin Sketch-5.0.6.1, 3D-geometry optimized and saved in PDB format for AutoDock compatibility. MGLTools-1.4.6 (The Sripps Research Institute) was used to convert ligand.pdb files to ligand.pdbqt files. Protein preparation wizard (Maestro 8.5, Schrodinger, and LLC) was used to prepare protein. Grid parameter and docking parameter files were written using MGLTools-1.4.6. The Grid Parameter File was used for generating map types of compound 13 with 3G8I (PPARa) and compound 31 with 3HOD (PPARy). From this study superimposition of docking structures of compound 13 and 31 with PPARa/y revealed that these analogues superimposed well with each other. From these findings, it can be suggested that the designing of new chemical analogues of vanillin semicarbazones and its structural modification possess interesting pharmacological profile lead the necessity of further research.

No. of Pages : 29 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.643/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONNECTOR DEVICE

(51) International classification :H01R13/64,H01R13/629,H01R13/74
(31) Priority Document No :2011147142
(32) Priority Date :01/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/066673
Filing Date :29/06/2012
(87) International Publication No :WO 2013/005666
(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)TERAO Kazuya

(57) Abstract :
A connector device (1) wherein: a fitting force is exerted between a female connector (2) and a male connector (30) by operating a lever (20) from a fitting start operation position to a fitting complete operation position and the male connector (30) is moved from a fitting start position to a fitting complete position and is fitted; and a frame part (10) is inserted into and attached to an attachment hole (41) of an attachment panel (40) in the aforementioned fitted state. The connector device (1) comprises: a half fitting detection part (13) that is located at a non protruding position that does not protrude from the outer peripheral surface of the frame part (10) of the female connector (2) the half fitting detection part being moved by a pressing force to a protruding position that protrudes from the outer peripheral surface of the frame part (10); and a pressing part (34) that is provided to the male connector (30) the pressing part (34) pressing the half fitting detection part (13) and moving same to the protruding position when in a mid fitting position before the fitting complete position the pressing part (34) releasing the pressing of the half fitting detection part (13) and bringing the half fitting detection part (13) to the non protruding position when in the fitting complete position.

No. of Pages : 41 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6272/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR EMBEDDING A LED NETWORK

(51) International classification :H01L25/075,F21S4/00,B32B37/20
(31) Priority Document No :BE2011/0011
(32) Priority Date :12/01/2011
(33) Name of priority country :Belgium
(86) International Application No :PCT/IB2012/050162
Filing Date :12/01/2012
(87) International Publication No :WO 2012/095812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WILLE Joost

(57) Abstract :
The invention relates to a method for embedding a non embedded or bare LED network. To this end the method of embedding a non embedded LED network comprises the steps of: (a) providing said non embedded LED network associated with a continuous flexible support; (b) applying in a continuous manner a flexible insulation layer on a liquid basis onto said non embedded LED network associated with said continuous flexible support.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6275/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRANSIENT RECOVERY VOLTAGE MEASURING DEVICE TRANSIENT RECOVERY VOLTAGE MEASURING METHOD AND TRANSIENT RECOVERY VOLTAGE MEASURING PROGRAM

(51) International classification :G01R19/00
(31) Priority Document No :2011007033
(32) Priority Date :17/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050629
Filing Date :13/01/2012
(87) International Publication No :WO 2012/099022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KUDO Kietsu
3)NAKAMOTO Tetsuya

(57) Abstract :
Using a waveform conversion based on a value proportional to time from the origin a common tangent line is easily generated the common tangent line being drawn between a bump portion present in the range from the origin to the crest value and the bump portion corresponding to the crest value. A transient recovery voltage measuring device has: a storage unit (20) for storing a transient recovery voltage waveform consisting of multiple frequencies; a waveform conversion unit (12) for converting the transient recovery voltage waveform on the basis of a proportional value obtained by multiplying time from the origin by a proportional constant; a crest determination unit (13) for in the converted waveform determining two points having the same maximum value; an adjustment unit (122) for adjusting the proportional constant in the waveform conversion unit (12) until the two points having the same maximum value are determined by the crest determination unit (13); a tangent point detection unit (14) for obtaining two points in the transient recovery voltage waveform corresponding to the two points determined by the crest determination unit (13); and a tangent line generation unit (15) for generating a first tangent line passing through the detected two points in the transient recovery voltage waveform.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2013

(21) Application No.6365/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRANSDERMAL PATCH CONTAINING MICRONEEDLES

(51) International classification :A61M37/00,A61M35/00
(31) Priority Document No :13/036096
(32) Priority Date :28/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050203
Filing Date :16/01/2012
(87) International Publication No :WO 2012/117302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROSS Russell F.

(57) Abstract :
A transdermal patch that can easily deliver a controlled volume of a fluidic drug compound to the skin is provided. More particularly the patch contains a microneedle assembly that is configured to be placed in fluid communication with a drug delivery assembly. The microneedle assembly contains a support and a plurality of microneedles that extend outwardly from the support. The microneedles are formed with one or more channels of a certain dimension such that passive capillary flow drives the flow of the drug compound. The drug delivery system contains a reservoir for the drug compound that is in fluid communication with a rate control membrane that helps control the flow rate of the drug compound by modulating its pressure downstream from the reservoir. A release member is also positioned adjacent to the microneedle and drug delivery assemblies. Prior to use the release member acts as a barrier to the flow of the drug compound and thus inhibits premature leakage. In this manner the patch can initially be provided in an inactive configuration in which the drug compound is securely retained. When it is desired to release the drug compound the patch can simply be activated by at least partially separating the release member from the drug delivery and microneedle assemblies.

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

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

(21) Application No.6454/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VALVE PROSTHESIS FOR REPLACING AN ATRIOVENTRICULAR VALVE OF THE HEART

(51) International classification :A61F2/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/000082
Filing Date :11/01/2011
(87) International Publication No :WO 2012/095116
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAUTEN Alexander
(72)**Name of Inventor :**
1)FIGULLA Hans Reiner
2)LAUTEN Alexander

(57) Abstract :
The invention relates to a valve prosthesis for replacing an atrioventricular valve of the heart, comprising an annular body (12), to which heart valve leaflets are attached and which can be inserted in the valve annulus (18) of the heart (20), and further comprising at least one anchoring part (16, 16), which protrudes from the annular body (12) on the ventricle side and can be anchored in tissue.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.610/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TOOTHING FOR OPERATION AT A DEFLECTION ANGLE AND PRODUCTION METHOD

(51) International classification :B21B35/14,F16D3/18
(31) Priority Document No :10 2011 078 071.8
(32) Priority Date :24/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/062160
Filing Date :22/06/2012
(87) International Publication No :WO 2012/175719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MERZ J¼rgen

(57) Abstract :
The invention relates to a toothing (1) in particular of a drive spindle for driving a roll (13) in rolling mills or continuous casting plants which comprises several teeth (2) and meshes with a second toothing in the manner of a spline wherein a flank line (12) of the teeth (2) has a curvature and a deflection angle is formed between the rotational axis of the second toothing and the rotational axis of the toothing wherein the toothing (1) is designed as having at least one of the following modifications: a tooth root relief of the teeth (2) and/or a tooth tip relief of the teeth (2) and/or a twist of the teeth (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2013

(21) Application No.6367/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING SUGAR SOLUTION

(51) International classification :C13K1/02,B01D61/02,B01D61/14
(31) Priority Document No :2011033398
(32) Priority Date :18/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053771
Filing Date :17/02/2012
(87) International Publication No :WO 2012/111794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KURIHARA Hiroyuki
3)MINAMINO Atsushi
4)YAMADA Katsushige

(57) Abstract :
A method for producing a sugar solution by processing a cellulose derived sugar solution with use of one or more separation membranes selected from among an ultrafiltration membrane a nanofiltration membrane and a reverse osmosis membrane. In this method for producing a sugar solution a separation membrane that has been contaminated through filtration can be effectively cleaned by cleaning the contaminated separation membrane with hot water at 50°C or more.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.637/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VEHICLE AXLE VENT SYSTEM

(51) International classification :B60B35/12
(31) Priority Document No :61/524476
(32) Priority Date :17/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051346
Filing Date :17/08/2012
(87) International Publication No :WO 2013/025991
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILSON Matt J.
2)WHITE Jay D.
3)CERVANTEZ Jesse W.
4)BURKE Stephen H.

(57) Abstract :
A vent system for an axle of a heavy duty vehicle includes a check valve and an exhaust tube that is connected to the check valve. The check valve includes a first end that is mounted on the axle a second end and a body that is disposed between the first and second ends and is in selective fluid communication with the axle interior. The exhaust tube includes a first end that is mounted on the second end of the check valve and a second end that is open to atmosphere and is in fluid communication with the check valve body. Using any one of a number of types of configurations for the valve body the vent system selectively exhausts air from the axle interior to atmosphere to relieve buildups of pressure in the axle while protecting the integrity of the check valve and preventing contaminants from entering the axle.

No. of Pages : 42 No. of Claims : 19

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

(21) Application No.6467/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FREE FLOW PUMP

(51) International classification :F04D29/22,F04D29/42
(31) Priority Document No :11157262.4
(32) Priority Date :08/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/053261
Filing Date :27/02/2012
(87) International Publication No :WO 2012/119877
(61) Patent of Addition 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 :Route de Neuchtel 36 CH 2088 Cressier Switzerland
(72)**Name of Inventor :**
1)FAVRE Jean Nicolas
2)RENGER Hagen
3)GRIMM Michel

(57) Abstract :
The free flow pump comprises an impeller (11 22 33) with an impeller base that is constituted by a front side (14 5 24) of a hub body (12 23) projecting at the center of the impeller (11 22 33) and by a disk surface (18 28) located deeper than the front side (14 24) of the hub body (12 23) and reaching to an outer circumference of the impeller with its maximum depth. The disk surface (18 28) is provided with vanes (19 29 34) comprising open vane front sides (20 30 35) adjoining the hub body (12 23) at their inner end and extending from there to the outer circumference of the impeller (11 22 33). To avoid material accretions in front of the impeller (11 22 33) it is suggested that at least within an inner third of its radius the impeller base is not located deeper with respect to the inner end of the vane front sides (20 30 35) than at most one sixth of the height difference (H) between the inner end of the vane front sides (20 30 35) and the maximum depth of the disk surface (18 28).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2013

(21) Application No.5437/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BATTERY STORAGE STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification :B62J
(31) Priority Document No :2012-263028
(32) Priority Date :30/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAKANO, JUNICHI
2)KITAMOTO, HIROSHI
3)YAMADA, TSUNAKI

(57) Abstract :
To provide a battery storage structure for a saddle-ride type vehicle, having an improved fitting property of a battery to a battery case. [Constitution] In a storage state in which a battery 40 is stored in a battery case 41, an opening 42 of the battery case 41 has a corner that approaches or abuts on two surfaces of the battery 40 forming a corner of the battery 40 where a left recess 43L with a positive terminal 44L is provided, the corner of the opening 42 of the battery case 41 being positioned in a level lower than the left recess 43L. Also, the opening 42 of the battery case 41 has a corner that does not approach or abut on two surfaces of the battery 40 forming each of corners of the battery 40 where the left recess 43L and a right recess 43R are provided, the corner of the opening 42 of the battery case 41 being provided with a protrusion 64 that extends upward.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.556/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING CYCLIC ENOL ETHERS

(51) International classification :C07D307/28,C07D307/93,C07D311/94
(31) Priority Document No :11172082.7
(32) Priority Date :30/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/062183
Filing Date :25/06/2012
(87) International Publication No :WO 2013/000846
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF SE
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(72)**Name of Inventor :**
1)EBEL Klaus
2)BRUNNER Bernhard
3)STOCK Christoph
4)PELZER Ralf

(57) Abstract :
The invention relates to a method for producing cyclic enol ethers of formulas (I) and/or (II).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.577/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OCEAN WAVE GENERATOR AND OCEAN WAVE GENERATOR SYSTEM

(51) International classification :F03B13/22,H02K3/34
(31) Priority Document No :201110172753.7
(32) Priority Date :24/06/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/000864
Filing Date :21/06/2012
(87) International Publication No :WO 2012/174862
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHEN He

(57) Abstract :
An ocean wave generator comprising a first buoy (105) a first flared opening (102 102) a second flared opening (103 103) and a generator component (101). The first flared opening (102 102) and the second flared opening (103 103) are respectively disposed on two sides of the generator component (101) and are along with said generator component (101) fixed to the first buoy (105). Ocean wave water passes from one flared opening into the generator component (105) and then flows from the generator component through the other flared opening. The present invention also provides an ocean wave generator system comprising the ocean wave generator and a position fixing device (16). The ocean wave generator system fully utilizes the lateral kinetic and potential energy as well as the undulating vertical kinetic and potential energy of ocean waves. By using the diffraction principles of waves the present invention allows for the large scale harnessing of the ocean waves that rush inward along the coastline and allows for greatly reduced implementation costs.

No. of Pages : 65 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.588/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MACROCYCLIC LACTONES

(51) International classification :C07D313/00,C11B9/00
(31) Priority Document No :11172144.5
(32) Priority Date :30/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/062177
Filing Date :25/06/2012
(87) International Publication No :WO 2013/000842
(61) Patent of Addition 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)EBEL Klaus
2)BRUNNER Bernhard
3)STOCK Christoph
4)PELZER Ralf

(57) Abstract :
The invention relates to novel macrocyclic lactones to methods for producing said macrocyclic lactones to the use of said macrocyclic lactones as aromatic substances and to products containing the novel macrocyclic lactones.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013
(21) Application No.6537/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONFIGURING AND CUSTOMIZING A SPECIFIC PURPOSE CLIENT HAVING A WINDOW BASED EMBEDDED IMAGE USING EXTENSIBLE MARKUP LANGUAGE (XML) CONFIGURATION

(51) International classification :G06F3/048
(31) Priority Document No :61/436864
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021589
Filing Date :17/01/2012
(87) International Publication No :WO 2012/102910
(61) Patent of Addition 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)PRABHALA Mohan

(57) Abstract :
Examples of methods and apparatus are provided for configuring and customizing a specific purpose local client having a windows based embedded image using extensible markup language (XML) configuration and obviating reinstallation of an entire windows based embedded image onto the specific purpose local client. The apparatus may include a retrieval module of the specific purpose local client configured to automatically locate a remote repository server containing an XML configuration file and automatically obtain the XML configuration file from the remote repository server each time the specific purpose local client boots up. The apparatus may include an apply settings module of the specific purpose local client configured to automatically apply a configuration change to the windows based embedded image based on the XML configuration file each time the specific purpose local client boots up. The configuration change persists across a reboot of the specific purpose local client while obviating reinstallation of an entire windows based embedded image onto the specific purpose local client.

No. of Pages : 190 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.563/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FIRE EXTINGUISHING AGENT AND FIRE EXTINGUISHING METHOD USING SAME

(51) International classification :A62D1/04,C07K7/06
(31) Priority Document No :2011160524
(32) Priority Date :22/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068584
Filing Date :23/07/2012
(87) International Publication No :WO 2013/015241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)IZUMIDA Masashi
2)YANAGISAWA Satohiro
3)UEDA Yasuyoshi

(57) Abstract :
The purpose of the present invention is to provide a fire extinguishing agent which has both high fire extinguishing performance and a high level of safety to the environment and the human body. This fire extinguishing agent is characterized by containing a biosurfactant.

No. of Pages : 20 No. of Claims : 6

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

(21) Application No.6236/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MANIFOLD JOINT SEAL

(51) International classification :F15B13/02,F16K27/00,B61H3/00
(31) Priority Document No :61/436771
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022164
Filing Date :23/01/2012
(87) International Publication No :WO 2012/102986
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SCHARPF Robert N.
2)EVATT S. Clay

(57) Abstract :
A pneumatic manifold for a braking system of a railway vehicle includes a first manifold section and a second manifold section each having an interior surface thereon and a plurality of ports and passageways extending therethrough and a manifold joint seal for creating a sealing engagement between the first manifold section and the second manifold section. The manifold joint seal is removably mounted inside a slot provided on the surface of one or both manifold sections. The manifold joint seal includes a retainer body having an opening extending therethrough and two sealing elements are disposed within respective channels provided on opposing surfaces of the retainer body in the axial direction of the annular opening.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.624/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CHLOROPHYLLIN AS AN ANTICANCER AGENT FROM MORINDACITRIFOLIA L

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MS. PAVITHRA.S
3)DR. K. RAJAGOPAL

(57) Abstract :
Chlorophyllin, a water soluble sodium salt of chlorophyll is one among the family of phytochemical compounds. Chlorophyllin is a promising chemopreventive agent believed to block cancer primarily. Commercial grade chlorophyllin is available and being used in most research. The idea was to obtain natural chlorophyll derivative chlorophyllin and to study its efficiency as an anticancer agent in vitro. The chlorophyllin was extracted from the leaves of Morinda citrifolia L. (Noni) and characterized by UV-Visible spectroscopy and Infra-Red Absorption spectroscopy. The anticarcinogenic property of chlorophyllin was studied in vitro against two types of cell lines: HepG2 cell lines (Human Hepatocellular Carcinoma) and Vero cell lines (African Green Monkey kidney). It was found that the inhibitory effect of chlorophyllin was found on cancer cell lines and absent on Vero cell lines. This is the first report on extraction of chlorophyllin from fresh leaves of Morinda citrifolia L. and its effect on HepG2 cell lines. Jhe results of the present study shows that the chlorophyllin extract has a higher safety ratio which is a good indicator for use in cancer treatment as the extract inhibits only the growth of cancer cells but not normal cells. It also supports for further development of Noni leaves as a neutraceutical or durg.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013

(21) Application No.6540/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POWER SAVING METHOD ACCESS POINT DEVICE AND STATION DEVICE

(51) International classification :H04W52/02
(31) Priority Document No :201110034355.9
(32) Priority Date :01/02/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/082357
Filing Date :17/11/2011
(87) International Publication No :WO 2012/103763
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHU Hufei
2)LI Yunbo

(57) Abstract :
The present invention provides a power saving method an AP device and an STA device. An AP device sets according to whether power saving is allowed in a current TXOP and whether there is a newly added station (STA) in an operation object identifier of a subsequent frame of each frame of the current TXOP a TXOP power saving indication of each frame respectively and when the TXOP power saving indication of a current frame is Power Saving Allowed the STA device determines whether to enter a sleep state according to a judgment result of a sleep condition. Or the current frame comprises a subsequent STA indication and a TXOP power saving indication and when the TXOP power saving indication of the current frame is Allowed an operation object identifier of a preset frame does not comprise an indication of a current STA device and a subsequent STA indication of the current frame is no subsequent newly added STA the STA device enters the sleep state. With the method and device provided in the present invention the application range of power saving can be expanded and the effect of power saving can be improved.

No. of Pages : 75 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.5613/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BEARING ASSEMBLY WITH AN ENCODER WASHER AND A SENSOR UNIT

(51) International classification :G01P3/44,F16C41/00,B60B27/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2010/003529
Filing Date :20/12/2010
(87) International Publication No :WO 2012/085617
(61) Patent of Addition 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)GATESOUPE Alexis
3)HUBERT Mathieu

(57) Abstract :
This bearing assembly (1) comprises a bearing (2) with an inner fixed (22) ring and an outer ring (24) rotatable around a rotation axis (X2) an encoder washer (4) fast in rotation with the outer ring (24) and made of an armature (42) and a magnetic body (44) a sensor unit (6) including at least one sensing element (62) arranged to read said encoder washer. The sensing element (62) is located radially inside the encoder washer (4) and oriented to read the encoder washer in a radial and centrifugal direction with respect to the rotation axis (X2). The armature (42) of the encoder washer (4) radially surrounds the magnetic body (44). A sealing gasket (8) mounted on the sensing unit (6) is in sliding contact with an outer peripheral surface (428) of the armature (42).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.5720/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TELEHEALTH WIRELESS COMMUNICATION HUB DEVICE AND SERVICE PLATFORM SYSTEM

(51) International classification :A61B5/00,H04L29/06,G06F19/00
(31) Priority Document No :61/433193
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021428
Filing Date :16/01/2012
(87) International Publication No :WO 2012/097356
(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)GANTON Robert B.
4)SENTHIL Kumar V.
5)KADAKIA Jatin C.
6)LOHAKAREY Vishwajeet
7)LEE Thien H.
8)TALBOT Christopher D.B.

(57) Abstract :
Methods and devices provide a wireless machine to machine (M2M) communications hub device and services enabling remote access to electronic medical or fitness devices in a manner that simplifies device networking. A wireless communication hub device may include a processor and wireless communication transceivers configured to connect to cellular and/or WiFi networks to access a remote server and wired and/or wireless local networks for connecting to electronic medical or fitness devices. The wireless communication hub device may plug into a power source connect to an electronic medical or fitness device and communicate via a second wireless network with an associated server based service. The system enables discovery of the wireless communication hub device and connected electronic medical or fitness devices. The associated remote server based service platform services may provide drivers for various electronic medical or fitness devices store and forward data and provide remote access to the various electronic medical or fitness devices.

No. of Pages : 161 No. of Claims : 125

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

(21) Application No.656/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HYDRAULIC ADJUSTING VALVE

(51) International classification :F01L1/00
(31) Priority Document No :2013-029522
(32) Priority Date :18/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NIRASAWA, HIDEO

(57) Abstract :
Provided is a hydraulic adjusting valve capable of lowering a line pressure without reducing tolerance with respect to fixation of impurities. A regulator valve 42 is equipped with an oil chamber 42d which communicates an input port 42f to which line pressure PH is supplied and an output port 42e which supplies an adjusted control pressure DR, a spool valve 42a which is accommodated in the oil chamber 42d capable of moving in an axial direction and controls a communication amount of the input port 42f and the output port 42e, a signal pressure chamber 42g having a signal pressure port 42h to which a signal pressure DRC is supplied, a first spring 42b which is arranged in the signal pressure chamber 42g and biases the spool valve 42a to a direction which increases the communication amount, and a second spring 42c which is arranged in an opposite side of the oil chamber 42d with respect to the signal pressure chamber 42g and biases the spool valve 42a to a direction which decreases the communication amount.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013

(21) Application No.6560/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR VIEWING PATIENT DATA

(51) International classification :G06Q50/24,G06F3/14,G06F3/0485
(31) Priority Document No :61/433824
(32) Priority Date :18/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021677
Filing Date :18/01/2012
(87) International Publication No :WO 2012/099933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)POWELL William Cameron
2)MOORE Stephen Trey

(57) Abstract :
Methods systems and apparatus including computer programs encoded on a computer storage medium for displaying an electrocardiogram (ECG) on a computing device using actions including receiving data corresponding to the ECG processing the data to generate a plurality of traces displaying a plurality of trace display windows displaying each trace of the plurality of traces in a trace window of the plurality of trace windows receiving user input corresponding to at least one trace window of the plurality of trace windows and modifying a display of each trace of the plurality of traces in the respective trace display windows in response to the user input.

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

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

(21) Application No.521/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VIBRATORY FLOW METER AND ZERO CHECK METHOD

(51) International classification :G01F25/00,G01F1/84
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/042032
Filing Date :27/06/2011
(87) International Publication No :WO 2013/002759
(61) Patent of Addition 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)PATTEN Andrew Timothy
2)HAYS Paul J.
3)LANE Stephanie A.

(57) Abstract :
A vibratory flow meter (5 300) is provided. The vibratory flow meter (5 300) includes a flow meter assembly (10 310) including at least two vibration sensors (170L and 170R 303 and 305) that generate at least two vibrational signals and meter electronics (20 320) that receives the at least two vibrational signals generate a new time difference (t) using multiple time difference measurements obtained for a flow material and determine if the new time difference (t) is within predetermined bounds of an old time difference (t).

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2013

(21) Application No.6340/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PATIENT MONITORING SYSTEM AND METHOD FOR MONITORING THE PHYSIOLOGICAL STATUS OF A PATIENT

(51) International classification :A61B5/00,G08B25/00,G06F19/00
(31) Priority Document No :11150328.0
(32) Priority Date :06/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/055961
Filing Date :27/12/2011
(87) International Publication No :WO 2012/093319
(61) Patent of Addition 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)PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH
(72)**Name of Inventor :**
1)GEGNER Guenter
2)GREINER Harald
3)BUFE Martin

(57) Abstract :
The invention relates to a patient monitoring system comprising at least one monitoring unit (24) for monitoring the physiological status of a patient and a host system (14) comprising a network of access points (16 18 20) for wireless reception of physiological status data. Each monitoring unit (24) is provided to transmit physiological status data to the access points at selected points of time together with time related data indicating the expected point of time of the next data transmission. The invention further relates to a respective method for monitoring the physiological status of a patient.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2013

(21) Application No.6343/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGING SYSTEM FOR IMAGING AN OBJECT

(51) International classification :G06T11/00
(31) Priority Document No :11150297.7
(32) Priority Date :06/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/050037
Filing Date :04/01/2012
(87) International Publication No :WO 2012/093361
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FORTHMANN Peter
2)KOEHLER Thomas

(57) Abstract :
The invention relates to an imaging system for imaging an object. Projection data of the object are acquired by using a radiation source emitting primary radiation (14) from a primary focal spot (15) and unwanted secondary radiation (16) from secondary focal spots (17). A first image of the object is reconstructed from the acquired projection data a forward projection of the secondary radiation through the first image is simulated for generating secondary projection data and a second image is generated based on the acquired projection data and the secondary projection data. Since the secondary projection data which can generally cause image artifacts are determined the reconstruction unit can consider these unwanted secondary projection data while reconstructing the second image in order to reduce the influence of the secondary projection data on the reconstructed second image thereby improving the image quality.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.657/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WEARABLE ANTENNA ASSEMBLY FOR AN IN VIVO DEVICE

(51) International classification :A61B19/00
(31) Priority Document No :13/208783
(32) Priority Date :12/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/050308
Filing Date :09/08/2012
(87) International Publication No :WO 2013/024480
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GIVEN IMAGING LTD.
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(72)**Name of Inventor :**
1)DRUYAN Yossi
2)FASTOVSKY Vitaly
3)GILAD Zvika

(57) Abstract :
A wearable antenna assembly includes a posterior antenna assembly and an anterior antenna assembly. The posterior antenna assembly may include a posterior base that includes a lateral portion having a lateral line and protrusion(s) that continue from and extend away from the lateral portion and antenna element(s) are formed in the protrusion(s). The protrusions are configured such that each antenna element lies on the buttocks and situated adjacent to a greater sciatic notch. The anterior antenna assembly may include an anterior lateral base having a lateral line and antenna elements may be formed in the anterior lateral base along the lateral line. The anterior lateral base may be configured such that the antenna elements are situated adjacent to the abdomen. The orientations of the antenna elements may be optimized to maximize reception of signals originating from a swallowed in vivo device.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.483/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AXMI279 PESTICIDAL GENE AND METHODS FOR ITS USE

(51) International classification :C12N15/82,C07K14/325,A01H5/00
(31) Priority Document No :61/513088
(32) Priority Date :29/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048488
Filing Date :27/07/2012
(87) International Publication No :WO 2013/019600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAMPSON Kimberly S.
2)BALASUBRAMANIAN Deepa
3)LEHTINEN Duane A.

(57) Abstract :
Compositions and methods for conferring pesticidal activity to bacteria plants plant cells tissues and seeds are provided. Compositions comprising a coding sequence for pesticidal polypeptides are provided. The coding sequences can be used in DNA constructs or expression cassettes for transformation and expression in plants and bacteria. Compositions also comprise transformed bacteria plants plant cells tissues and seeds. In particular isolated pesticidal nucleic acid molecules are provided. Additionally amino acid sequences corresponding to the polynucleotides are encompassed. In particular the present invention provides for nucleic acid molecules comprising nucleotide sequences encoding the amino acid sequence shown in SEQ ID NO:2 3 or 4 the nucleotide sequence set forth in SEQ ID NO: 1 as well as variants and fragments thereof.

No. of Pages : 48 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2013

(21) Application No.5796/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRODUCTION OF OMEGA-AMINO FATTY ACIDS

(51) International classification :C11C
(31) Priority Document No :EP12199024
(32) Priority Date :21/12/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)GIELEN, JASMIN
3)WESSEL, MIRJA
4)HENNEMANN
5)HAGER, HARALD
6)HAAS, THOMAS
7)BLUMKE, WILFRIED

(57) Abstract :
The invention relates to a whole cell catalyst which expresses a recombinant a-dioxygenase or the combination of a recombinant fatty acid reductase and a phosphopantetheinyl transferase phosphopantetheinylating the fatty acid reductase, and which in addition to the a-dioxygenase and/or the combination of fatty acid reductase and phosphopantetheinyl transferase expresses a transaminase, characterized in that the phosphopantetheinyl transferase and/or transaminase is preferably recombinant; and a method for the conversion of a fatty acid, co-hydroxy fatty acid, oo-oxo fatty acid or a monoester thereof to an amine, comprising the steps oxidation of the fatty acid, w-hydroxy fatty acid, w-oxo fatty acid or the monoester thereof to an oxidation product by contacting with an alkane hydroxylase and/or alcohol dehydrogenase, contacting the oxidation product with a phosphopantetheinylated fatty acid reductase or a a-dioxygenase to give an aldehyde, and contacting the aldehyde with a transaminase.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2013

(21) Application No.6098/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLUOROCARBON LINKED PEPTIDE FORMULATION

(51) International classification	:A61K39/145,A61K39/00,A61K39/385
(31) Priority Document No	:1022147.1
(32) Priority Date	:31/12/2010
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2011/001781 :30/12/2011
(87) International Publication No	:WO 2012/090002
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)IMMUNE TARGETING SYSTEMS (ITS) LTD
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(72)**Name of Inventor :**
1)BROWN Carlton Bradley
2)GEORGES Bertrand Victor Gilbert
3)THABURET Jean Francois

(57) Abstract :
The invention provides an aqueous acidic formulation suitable for use as in the preparation of a pharmaceutically acceptable fluorocarbon linked peptide formulation which aqueous formulation comprises a first fluorocarbon linked peptide wherein: the peptide linked to the fluorocarbon is at least 20 amino acid residues long comprises at least 50% hydrophobic amino acid residues and has an isoelectric point greater than or equal to 7; and the fluorocarbon linked peptide is present in micelles.

No. of Pages : 81 No. of Claims : 27

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

(21) Application No.6621/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DETECTION VALUES PROCESSING APPARATUS

(51) International classification :G01N23/04,G01N23/087,A61B6/03
(31) Priority Document No :11152653.9
(32) Priority Date :31/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/050344
Filing Date :25/01/2012
(87) International Publication No :WO 2012/104751
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PROKSA Roland
2)MARTENS Gerhard

(57) Abstract :
The invention relates to a detection values processing apparatus. Energy dependent detection values are provided which are indicative of polychromatic radiation (4) after having traversed an examination zone (5). The radiation is filtered by a filter (15) which comprises K edge filter material. A component decomposition technique is applied to the detection values for determining K edge attenuation values being first component attenuation values which are indicative of an attenuation caused by the K edge filter material and additional component attenuation values which are indicative of an attenuation caused by additional components of the examination zone wherein an image of the examination zone is reconstructed from the additional component attenuation values. An image can therefore be reconstructed which is not adversely affected by the filter because the K edge attenuation values are not used for reconstructing the image. This can improve the quality of the reconstructed image.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.3208/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PNEUMATIC CLEARER FOR SPINNING MACHINE

(51) International classification :D01H5/00
(31) Priority Document No :2012-162201
(32) Priority Date :23/07/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MASAYOSHI TSUBORI
2)NAOKI MARUYAMA

(57) Abstract :
A pneumatic clearer for a spinning machine includes a pneumatic duct, a connecting member, a pneumatic nozzle and a support member. The spinning machine includes a draft device. The pneumatic duct is disposed extending in a longitudinal direction of the spinning machine. The connecting member is mounted to the pneumatic duct. The proximal end of the pneumatic nozzle is engaged with the connecting member and the distal end of the pneumatic nozzle is disposed on a delivery side of the draft device. The support member holds the pneumatic nozzle. First and second positioning members are provided on either the pneumatic nozzle or the connecting member. The first positioning member is adapted to determine a fitting position of the pneumatic nozzle to the connecting member during spinning of a compact yarn and second positioning member is during spinning of a normal yarn.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.400/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THERMOELECTRIC ENERGY STORAGE SYSTEM

(51) International classification :F01K3/12,F01K25/06
(31) Priority Document No :10167030.5
(32) Priority Date :23/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060323
Filing Date :21/06/2011
(87) International Publication No :WO 2011/161094
(61) Patent of Addition 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)OHLER Christian
2)HEMRLE Jaroslav
3)MERCANGOEZ Mehmet

(57) Abstract :
A zeotropic mixture is used as a working fluid (16) for a thermoelectric energy storage system (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.5574/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR ASSEMBLING AND LOCKING A JOINT

(51) International classification :F16B
(31) Priority Document No :12196575.0
(32) Priority Date :11/12/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CUSIN, PIERRE
2)STRANCZL, MARC
3)MALLET, DANIEL
4)GRAF, EMMANUEL

(57) Abstract :
The invention relates to a system (1, 21, 41, 61, 81) of assembling a member (3, 23, 43, 63, 83), made of a first material, in the aperture (4) of a part (5, 25, 65, 85) made of a second material having no plastic domain, using an intermediate portion (7, 27, 47, 67, 87) made of a third material, mounted between said member and said part, According to the invention, the intermediate portion (7, 27, 47, 67, 87) is accommodated against a shoulder (11) of the part (5, 25, 65, 85) and is laterally locked in a resilient manner by at least one resilient locking device (15) of the part (5, 25, 65, 85) to secure together the unit comprising the member (3, 23, 43, 63, 83) - intermediate portion (7, 27, 47, 67, 87)-part (5, 25, 65, 85). The invention concerns the field of timepieces.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.608/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GEAR HAVING HELICAL GEARING AND SEGMENT FOR A GEAR

(51) International classification :F16H55/12
(31) Priority Document No :10 2011 109 533.4
(32) Priority Date :05/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/003038
Filing Date :19/07/2012
(87) International Publication No :WO 2013/020639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WU Zili

(57) Abstract :
The invention relates to a gear having helical gearing and a segment for a gear that is composed of segments wherein each segment comprises a toothed portion having helical gearing wherein the toothed portion is connected to a retaining section.

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

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

(21) Application No.6480/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MEDICAL PRODUCT PACKAGE

(51) International classification :B65D5/42,B65D5/46
(31) Priority Document No :13/029572
(32) Priority Date :17/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025147
Filing Date :15/02/2012
(87) International Publication No :WO 2012/112631
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LIMBACK Nancy Gail

(57) Abstract :
A package for accommodating storing displaying and transporting a medical product. The package has a body formed by a plurality of panels and at least one of the panels has a first layer and a second layer. A tab is formed integrally with the first layer. The tab is pivotable via at least one hinge formed in the first layer from a first position substantially coplanar with the first layer to a second position where the tab is disposed at an angle to the first layer.

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

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

(21) Application No.6625/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CARRIERS FOR THE LOCAL RELEASE OF HYDROPHILIC PRODRUGS

(51) International classification :A61K9/00,A61K9/127
(31) Priority Document No :11152529.1
(32) Priority Date :28/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/050347
Filing Date :25/01/2012
(87) International Publication No :WO 2012/101587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GRUELL Holger
2)LANGEREIS Sander
3)SIO Charles Frederik

(57) Abstract :
Disclosed is a carrier for the local targeted administration of a hydrophobic drug. The hydrophobic drug is rendered in to a hydrophilic prodrug thereof and is contained in the lumen of a thermosensitive liposome or polymersome. Upon administration of the carrier heat can be applied at the locus where the drug is to be released. After release of the prodrug it will be activated so as to turn into the active drug.

No. of Pages : 18 No. of Claims : 14

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

(21) Application No.5608/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS AND DEVICE WITH WHICH TO CONTROL A LPG INJECTION DEVICE

(51) International classification :A47L
(31) Priority Document No :102012222863.2
(32) Priority Date :12/12/2012
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)WINFRIED LANGER
3)MARCO BECHTOLD

(57) Abstract :
The present invention is with regard to a process and a device with which to control a LPG injection device (1) with a rail (4) and at least one injector (5) connected to the rail (4), consisting of the steps of recording a temperature of the LPG fuel in the rail (4) and comparing the temperature with a default threshold value, and generating a pulsating LPG fuel pressure in rail (4) when the default threshold value has been exceeded.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.602/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VIOLET LEAVES ODORANTS

(51) International classification :C11B9/00,A61K8/31,A61Q13/00
(31) Priority Document No :11177220.8
(32) Priority Date :11/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063765
Filing Date :13/07/2012
(87) International Publication No :WO 2013/020774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHAPUIS Christian

(57) Abstract :
present invention relates to the use as perfuming ingredient of a compound of formula in the form of any one of its stereoisomers or a mixture thereof and wherein each R represents a hydrogen atom or a methyl group and at least one of said R is a hydrogen atom; R represents a linear or branched C alkyl group or unsaturated groups; and R represents a hydrogen atom or a methyl group; in particular to impart odor notes of the violet leaves type optionally together with green odor notes.

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

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

(21) Application No.6209/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AUTO INJECTOR

(51) International classification :A61M5/20,A61M5/32
(31) Priority Document No :11155040.6
(32) Priority Date :18/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/052647
Filing Date :16/02/2012
(87) International Publication No :WO 2012/110578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BRERETON Simon Francis
2)KEMP Thomas
3)BURNELL Rosie
4)EKMAN Matthew

(57) Abstract :
The invention refers to an auto injector (1) for administering a dose of a liquid medicament (M) comprising: a tubular chassis (2) telescopable in a tubular case (12) a carrier subassembly comprising a tubular carrier (7) slidably arranged relative to the chassis (2) inside the case (12) the carrier (7) adapted to contain a syringe (3) with a hollow injection needle (4) a drive spring (8) and a plunger (9) for forwarding load of the drive spring (8) to a stopper (6) of the syringe (3) wherein the syringe (3) is lockable for joint axial translation with the carrier (7) a control spring (19) arranged around the carrier (7) for translating the carrier (7) in a proximal direction (P) for insertion of the needle (4) through the chassis (2) into an injection site wherein the control spring (19) is arranged to bias the case (12) against the chassis (2) in a distal direction (D) so as to extend the chassis (2) out of a proximal end (P) of the case (12) wherein an insertion depth of the needle (4) is defined by the carrier (7) abutting the chassis (2) in a predefined position wherein the case (12) is arranged to release or allow release of the control spring (19) for needle insertion on translation of the case (12) in the proximal direction (P) relative to the chassis (2) against the bias into an advanced position.

No. of Pages : 78 No. of Claims : 15

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

(21) Application No.6641/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPLEX DISEASE RESISTANT MONOCOT HAVING OPTIMIZED AGRONOMIC CHARACTERISTICS

(51) International classification :C12N15/09,A01H5/00,A23L1/00
(31) Priority Document No :2011052531
(32) Priority Date :10/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055192
Filing Date :01/03/2012
(87) International Publication No :WO 2012/121093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKATSUJI Hiroshi
2)GOTO Shingo

(57) Abstract :
The present inventors isolated a plurality of promoters having various expression characteristics from a monocot and by connecting the OsWRKY45 gene downstream of each and reintroducing to the monocot (rice) a rice strain was produced having both complex disease resistance and favorable agronomic characteristics. As a result the present inventors succeeded in producing a transformed plant body having both complex disease resistance and agronomic characteristics by causing the expression of OsWRKY45 using the upstream sequence of EF1a and OsUbi7 as promoters.

No. of Pages : 41 No. of Claims : 16

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

(21) Application No.6642/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CARRIER FOR BLOOD COMPONENT ADSORPTION AND BLOOD COMPONENT ADSORPTION COLUMN

(51) International classification :A61M1/36
(31) Priority Document No :2011039980
(32) Priority Date :25/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054506
Filing Date :24/02/2012
(87) International Publication No :WO 2012/115217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TOMITA Naotoshi
2)UENO Yoshiyuki
3)TANAHASHI Kazuhiro

(57) Abstract :
The purpose of the present invention is to provide a carrier for blood component adsorption that can selectively and efficiently adsorb and remove granulocytes and monocytes and can also adsorb and remove inflammatory cytokines at the same time. The present invention provides a carrier for blood component adsorption that is formed by introducing a functional group which includes a silyl group and an amino group onto the surface of a water insoluble carrier.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2013

(21) Application No.4714/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : REVERSE OSMOSIS PROCESSING DEVICE

(51) International classification :B01D61/10,B01D63/10,C02F1/44
(31) Priority Document No :2010283592
(32) Priority Date :20/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078859
Filing Date :14/12/2011
(87) International Publication No :WO 2012/086478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KITAMURA Kotaro
2)ONISHI Makoto
3)SUZUKI Kazutaka

(57) Abstract :
This reverse osmosis processing device (10) is provided with: a pressurized vessel (24); an inlet tube (56) that supplies water to be processed to one end of the pressurized vessel (24); a concentrated water discharging tube (62) that discharges concentrated water to the other end of the pressurized vessel (24); a plurality of reverse osmosis membrane elements (22) disposed within the pressurized vessel (24) and provided with a reverse osmosis membrane; a water collecting piping (34) that connects the plurality of reverse osmosis membrane elements (22) in series within the pressurized vessel (24) and through which permeated water that has passed through the reverse osmosis membrane flows; a first discharge tube (58) that discharges the permeated water on the concentrated water discharging tube (62) side of the pressurized vessel (24); and a resistance piping (90) on the inlet tube (56) side within the water collection piping (34).

No. of Pages : 52 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.491/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICES AND METHODS FOR APPROXIMATING THE CROSS SECTIONAL PROFILE OF VASCULATURE HAVING BRANCHES

(51) International classification :A61F2/06
(31) Priority Document No :61/523225
(32) Priority Date :12/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050443
Filing Date :10/08/2012
(87) International Publication No :WO 2013/025549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROBISON Aaron

(57) Abstract :
This disclosure is related to devices and related methods for isolating a treatment region in a human body from fluid pressure. In various embodiments an implantable device for isolating a treatment region in a human body from fluid pressure comprises a first elongated segment and a second elongated segment and one or more branch segments in fluid communication with one of the first elongated segment and the second elongated segment. The elongated segments have a combined cross section that is substantially conformable to an intraluminal cross section of a body lumen into which they are implanted. A method of installing an implantable medical device into the body of a patient comprises deploying a first elongated segment deploying a second elongated segment and deploying one or more branch segments in a target region of a vasculature.

No. of Pages : 69 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.591/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A ROUND BALING APPARATUS

(51) International classification :A01F15/07
(31) Priority Document No :S2011/0336
(32) Priority Date :28/07/2011
(33) Name of priority country :Ireland
(86) International Application No :PCT/EP2012/064836
Filing Date :27/07/2012
(87) International Publication No :WO 2013/014291
(61) Patent of Addition 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 :Via A. de Gasperi 34 48026 Russi (RA) Italy
(72)**Name of Inventor :**
1)VARLEY Seamus

(57) Abstract :
A round bale forming apparatus comprising a first bale forming chamber (26) and a second bale forming chamber (28) the second bale forming chamber being positioned rearwardly of the first bale forming chamber; each of the first and second bale forming chambers comprising means for forming a bale from a crop product; a feeding mechanism which feeds the crop product into the bale forming apparatus in order to form a bale from the crop product; transfer means (50) for transferring a partially formed bale from the first bale forming chamber into the second bale forming chamber; and directional means for directing the crop product from the feeding mechanism into the first bale forming chamber or the second bale forming chamber such that a partially formed bale is formable in the first bale forming chamber and a fully formed bale is formable in the second bale forming chamber.

No. of Pages : 77 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.6711/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SKIN COLLAGEN PRODUCTION PROMOTER

(51) International classification :A61K31/122,A61K8/67,A61P17/00
(31) Priority Document No :2011028189
(32) Priority Date :14/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068123
Filing Date :09/08/2011
(87) International Publication No :WO 2012/111187
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SATO Toshiro
2)KAWAHARA Rumi
3)KAMO Shuichi

(57) Abstract :
To provide a medicine cosmetic and supplement comprising food constituents or nutrients which have been used extensively as food and are safe and having skin collagen production promoting effects. [Solution] The skin collagen production promoter according to the present invention includes menaquinone 7 as an active ingredient. This skin collagen production promoter is administered transdermally or orally and is provided as a medicine cosmetic and supplement.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.612/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TERMINAL FOR WATERPROOF CONNECTOR

(51) International classification :H01R13/52,H01R43/16,H01R13/11
(31) Priority Document No :2011162468
(32) Priority Date :25/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/069529
Filing Date :25/07/2012
(87) International Publication No :WO 2013/015449
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KUTSUNA Yoji

(57) Abstract :
A terminal for a waterproof connector to be inserted through a waterproof plug is provided. A fitting tube part of the terminal has a square tube shape and includes first to third walls. The first wall has a side extending in a longitudinal direction of the terminal. The second wall is extended from the side in orthogonal to the first wall and has a side edge extending in the longitudinal direction at opposite side with respect to the first wall. The third wall opposes the first wall and has a side edge extending in the longitudinal direction and contacting the side edge of the second wall. An engaging piece is extended from the side edge of the third wall in orthogonal to the third wall so as to overlap the second wall. The second wall is formed with a concave portion accommodating the engaging piece.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.623/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GALLIC ACID AND ITS BIO POTENCIAL OF ACANTHOPHORA SPICIFERA WITH CHARACTERIZATION

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DR. V. RAVICHANDIRAN
2)V. LAVAKUMAR

(57) Abstract :
This invention deals with the study of Acanthophora spicifera for its anticancer, antioxidant and antiviral activities. In the present study, the plant was dried, pulverized and extracted with ethanol. The extract was filtered and filtrate was evaporated by rotary vacuum evaporator and sample was freeze dried. The ethanolic extract was subjected to qualitative chemical test and TLC studies. The crude extract was fractionated with various solvents. The ethyl acetate fraction was dried in a rotary evaporator. Final purification of isolated compounds was achieved in Sephadex LH 20. BHK21 cell were maintained and propagated using Dulbecos Modified Eagles Medium. The basal medium was prepared by dissolving powder in sterile water and sterilized by using membrane filter. Chikungunya virus was used to study the anti-viral effect. The antiviral activity of gallic acid against chikungunya virus was measured by the cytopathic effect reduction assay. Antiviral effect of Gallic acid was evidenced by its viral inhibition effect detected at the fixed concentration with treatment of 3 different ways, pre treatment before infection, at the time of infection (concominent) and post infection.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2013

(21) Application No.623/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS OF PRODUCING LIPIDS

(51) International classification :C12N9/10
(31) Priority Document No :2010902841
(32) Priority Date :28/06/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000794
Filing Date :28/06/2011
(87) International Publication No :WO 2012/000026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)VANHERCKE Thomas
3)SHRESTHA Pushkar
4)LIU Qing
5)SINGH Surinder Pal
6)ZHOU Xue Rong

(57) Abstract :
The present invention relates to methods of producing lipids. In particular the present invention relates to methods of increasing the level of one or more non polar lipids and/or the total non polar lipid content in a transgenic organism or part thereof. In one particular embodiment the present invention relates to the use of an acyltransferase for example a monoacylglycerol acyltransferase (MGAT) to increase the level of one or more non polar lipids and/or the total non polar lipid content in plants plant seed and/or leaves algae and fungi.

No. of Pages : 419 No. of Claims : 82

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

(21) Application No.6234/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CALLER IDENTIFICATION USING SOCIAL NETWORK INFORMATION

(51) International classification :H04W4/16,H04W8/18,H04W4/14
(31) Priority Document No :13/017664
(32) Priority Date :31/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023335
Filing Date :31/01/2012
(87) International Publication No :WO 2012/106345
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PAPAKIPOS Matthew Nicholas
2)WALKIN Brandon Marshall

(57) Abstract :
In one embodiment a social networking system determines a user identifier of a caller placing a call to a receiving user based on the call s phone number accesses one or more data stores for information associated with the caller and present to the receiving user the information associated with the caller.

No. of Pages : 42 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.6726/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING REGENERATIVE ORGAN PRIMORDIUM PROVIDED WITH GUIDE FOR TRANSPLANTATION COMPOSITION CONTAINING REGENERATIVE ORGAN PRIMORDIUM PROVIDED WITH GUIDE FOR TRANSPLANTATION PRODUCED THEREBY AND METHOD FOR TRANSPLANTING REGENERATIVE ORGAN PRIMORDIUM PROVIDED WITH GUIDE FOR TRANSPLANTATION

(51) International classification :C12N5/071,A61L27/00
(31) Priority Document No :2011026614
(32) Priority Date :09/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067045
Filing Date :27/07/2011
(87) International Publication No :WO 2012/108069
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TOYOSHIMA Koh ei
2)TSUJI Takashi

(57) Abstract :
The purpose of the present invention is to provide a method for producing a regenerative organ primordium for transplantation said regenerative organ primordium for transplantation ensuring continuity with a recipient after transplantation and facilitating transplantation procedures. Provided is a method for producing a regenerative organ primordium provided with a guide for transplantation said method comprising: a step for preparing a regenerative organ primordium by tightly contacting a first cell mass which substantially consists of mesenchymal cells with a second cell mass which substantially consists of epithelial cells and culturing these cell masses within a supporting medium; and a step for inserting the guide into the regenerative organ primordium.

No. of Pages : 55 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2013

(21) Application No.6414/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRIC VEHICLE CONTROL DEVICE

(51) International classification :B60L11/18,B62J9/00,B62J11/00
(31) Priority Document No :2011079749
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053178
Filing Date :10/02/2012
(87) International Publication No :WO 2012/132582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YONEHANA Atsushi

(57) Abstract :
Provided is an electric vehicle control device wherein the power source device configuration is simplified. A BMU power source device (110) lowers battery voltage to conform to the control voltage of a BMU (109). A fly back down regulator (80) lowers battery voltage to conform to an input of a CPU power source device (111) which forms a control voltage of a CPU (108). A contactor (90) is disposed upon a plus side line which connects a battery (40) with a motor drive circuit (100) and opens and closes according to an instruction from the CPU (108). A control power source of the down regulator (80) is formed by the BMU power source device (110) and a main switch (113) is disposed to open and close a path whereby the control power source voltage is inputted into the down regulator (80).

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2013

(21) Application No.6415/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE AND METHOD FOR INVESTIGATING DIAGNOSING OR HELPING TO DIAGNOSE AND TREATING FUNCTIONAL VISION PROBLEMS

(51) International classification :G02B27/01,A61B3/00,A61H5/00
(31) Priority Document No :P201100247
(32) Priority Date :04/03/2011
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2012/000051
Filing Date :02/03/2012
(87) International Publication No :WO 2012/120164
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MARCOS MU'OZ Juan Jos

(57) Abstract :
Device and method for investigating diagnosing or helping to diagnose and treating functional vision problems which device is formed by an apparatus which includes functional assemblies (2) intended to be placed in front of the user s eyes each functional assembly (2) comprising a display type screen (5) lens type elements (6) a camera (7) for capturing images and light projection spotlights (8) which functional assemblies (2) are connected to an electronic unit (10) to which are connected in turn a computer (11) a system for detecting external variables (12 13) an audio intercommunication system (14 15) and a control means (16) for determining functional vision problems and performing exercises for correcting said problems.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.653/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOLTEN ZN AL ALLOY PLATED STEEL SHEET AND MANUFACTURING METHOD THEREOF

(51) International classification :C23C2/06,C23C18/04,C23C22/40
(31) Priority Document No :2011174017
(32) Priority Date :09/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070719
Filing Date :08/08/2012
(87) International Publication No :WO 2013/022118
(61) Patent of Addition 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)FUJISAWA Hideshi
2)OOI Toshihiko
3)FURUTA Akihiko
4)SATOH Susumu
5)IMOKAWA Toru

(57) Abstract :
A molten Zn Al alloy plated steel sheet with excellent blackening resistance and corrosion resistance and a manufacturing method thereof are provided. On at least one surface of the steel sheet a molten Zn Al alloy plating layer is formed having a composition comprising in mass% Al: 3.0 6.0% Mg: 0.2 1.0% and Ni: 0.01 0.10% the remainder consisting of Zn and unavoidable impurities and further a chemical conversion film containing molybdates is formed as the upper layer of said molten Zn Al alloy plating layer. By this means the surface of the plating layer has a structure containing by surface area ratio 1 50% of a Zn Al Mg ternary eutectic and by means of the material / structure of the plating layer and also the chemical conversion film containing molybdates formed on the upper layer of said plating layer this molten Zn Al alloy plated steel sheet has excellent blackening resistance and corrosion resistance.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2013

(21) Application No.6915/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRANSFERRING CONFIGURATION DATA FROM A PUBLIC CLOUD SERVER AND APPLYING ONTO A MOBILE CLIENT

(51) International classification :G06F17/30
(31) Priority Document No :61/436856
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021588
Filing Date :17/01/2012
(87) International Publication No :WO 2012/102909
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TUKOL Sanmati Bahubali
2)PRABHALA Mohan

(57) Abstract :
Examples of methods and apparatus are provided for obtaining a configuration file over a public network and applying a persistent configuration change to a windows based embedded image with a write filter running on a mobile client and obviating reinstallation of an entire windows based embedded image onto the mobile client. The apparatus may include a retrieval module of the mobile client that facilitates locating a remote repository server containing the configuration file. The retrieval module facilitate obtaining the configuration file over the public network from the remote repository server while the write filter is enabled while obviating reinstallation of an entire windows based embedded image onto the mobile client. The apparatus may include an apply settings module of the mobile client that each time the mobile client boots up applies a configuration change to the windows based embedded image while the write filter is enabled based on the configuration file or another configuration file.

No. of Pages : 191 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.692/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING A SEMIFINISHED PRODUCT FOR ELECTRICAL CONTACTS AND CONTACT PIECE

(51) International classification :B22F7/08,H01R43/16,B22F7/06
(31) Priority Document No :10 2011 111 300.6
(32) Priority Date :26/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/066534
Filing Date :24/08/2012
(87) International Publication No :WO 2013/030123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SCHMIDT Andreas
2)ROTH Werner
3)SCHADE Alexander
4)SEIPEL Peter

(57) Abstract :
The present invention relates to a novel method for producing metallic semifinished products by extrusion to the semifinished products thus obtained and to contact pieces that can be produced therefrom.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2013

(21) Application No.6920/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INPUT APPARATUS

(51) International classification :G06F3/023
(31) Priority Document No :10 2011 000 899.3
(32) Priority Date :23/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/075073
Filing Date :13/04/2011
(87) International Publication No :WO 2012/113363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TROBRILLANT Jean Marc

(57) Abstract :
Input apparatuses for electrical devices always have a label in order to make it possible to distinguish the numerous keys from one another. In this case these keys can usually be labelled only in one language. In addition individual keys may be associated with different uses depending on the software used. Therefore the present invention is based on the problem of providing an input apparatus the keys of which can be adapted to different language and function assignments. This is achieved by means of a key block having transparent keys below which an indication means is arranged. This indication means has detection means which are used to automatically detect the selected keyboard assignment. The indication means may likewise be in the form of a display which makes it possible to dynamically adapt the keyboard layout.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2013

(21) Application No.6921/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MAGNETICALLY COUPLED SYSTEM FOR MIXING

(51) International classification :B01F13/08,B01F15/00,H02N15/00
(31) Priority Document No :61/447004
(32) Priority Date :25/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026632
Filing Date :24/02/2012
(87) International Publication No :WO 2012/116335
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MEICHEL George
3)LEGERE Edward
4)MALKIEL Edwin
5)WOODS Robert Paul
6)ASHLEY Oliver
7)KATZ Joseph
8)WARD Jason
9)PETERSEN Paul

(57) Abstract :
The invention provides a mixing system comprising a magnetically coupled drive system and optionally a foil or a crossbar for cultivating algae or cyanobacteria in an open or enclosed vessel. The invention provides effective mixing low energy usage low capital expenditure and ease of drive system component maintenance while maintaining the integrity of a sealed mixing vessel.

No. of Pages : 113 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2013

(21) Application No.6922/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PARAMETER CONFIGURATION METHOD BASE STATION AND USER EQUIPMENT

(51) International classification :H04W52/02,H04W52/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/077648
Filing Date :27/06/2012
(87) International Publication No :WO 2014/000187
(61) Patent of Addition to 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 Chengwen
2)HAN Jihai

(57) Abstract :
The present invention is applicable to the field of communications and provides a parameter configuration method a base station and a user equipment (UE). The method comprises: a base station determining whether a service type of a UE is a sparse packet service; when the service type of the UE is the sparse packet service the base station determining a discontinuous reception (DRX) parameter of the sparse packet service; the base station sending the DRX parameter to the UE the DRX parameter being used by the UE to perform DRX control. In the present invention when the base station determines that the service type of the UE is the sparse packet service the corresponding DRX parameter is configured for the UE so as to reduce terminal power consumption of the UE.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2013

(21) Application No.6925/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DOCUMENT STORAGE CABINET AND DOCUMENT MANAGEMENT DEVICE

(51) International classification :G07D9/00,G07D1/00,G09F3/14
(31) Priority Document No :2012069689
(32) Priority Date :26/03/2012
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2013/056358
Filing Date :07/03/2013
(87) International Publication No :WO2013/146172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TOGIYA Hajime

(57) Abstract :
The present invention improves the security of a document storage cabinet in comparison with the prior art. The present invention allows easily confirming whether it is possible that the door has been improperly opened depending on whether the seal is still attached to the seal attachment unit until the seal has been properly separated from the seal attachment unit allows keeping the door locked using the seal even if the door lock is improperly released and allows improving security compared to the previous art by providing the document storage cabinet with an exterior case a door openably attached to the exterior case a lock for locking the door to the exterior case in a closed condition and a seal attachment unit for attaching a seal for sealing the closed door on the exterior case so that there is indication of the door on the exterior case being closed and so that the door on the exterior case is locked when closed.

No. of Pages : 138 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/08/2013

(21) Application No.6837/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DRILL

(51) International classification :B23B51/00
(31) Priority Document No :2011046991
(32) Priority Date :03/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052622
Filing Date :06/02/2012
(87) International Publication No :WO 2012/117809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ARAI Koichi
2)ARAI Giichi
3)KIMURA Katsuyo

(57) Abstract :
To provide a drill which enables a great reduction in cutting resistance and easy performance of a drilling operation by human power using a hand drill a drilling machine or the like. [Solution] A drill has two cutting edges formed symmetrically with respect to a rotation axis and is subjected to thinning at the tip thereof. The cutting edge is configured from a thinned cutting edge (1) which extends in a shape including a curved line from a chisel edge to the outer peripheral side of the drill and a main cutting edge (2) which extends from the end of the thinned cutting edge to the outer peripheral end of the drill when viewed from the tip side of the drill and a thinned surface formed by the thinned cutting edge is formed into an approximately parabolic shape inclined in a drill axis direction when viewed from the front side of the drill.

No. of Pages : 56 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2013

(21) Application No.6954/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BANK NOTE PROCESSING DEVICE

(51) International classification :G07D9/00
(31) Priority Document No :2012071813
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055879
Filing Date :04/03/2013
(87) International Publication No :WO 2013/146114
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)IWASAKI Satoru
2)HIRATSUKA Shuuichi

(57) Abstract :
Provided is a bank note processing device whereby the rate of malfunctioning can be further reduced relative to the prior art. On the basis of the results of bank note sorting performed by a sorting part (21) in a prior stage on bank notes stored in a temporary holding part (22) when the bank notes stored in the temporary holding part (22) are sent out a determination is made as to whether each bank note stored in the temporary holding part (22) is a normal bank note or a bank note that should be stored separately from the normal bank notes and bank notes that are determined to be bank notes that should be stored separately from the normal bank notes are conveyed from the temporary holding part (22) directly to a reject box (23) and stored without intervention by the sorting part (22). By this configuration the conveyance distance from the temporary holding part (22) to the storage destination can be shortened relative to a case in which the bank notes must be conveyed along a path through the sorting part and the rate of malfunctioning caused by bank notes that should be stored separately from normal bank notes can be reduced.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2013

(21) Application No.6955/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATICALLY DETERMINING COMMUNITIES OF INTEREST FOR USE OVER AN AD HOC MESH NETWORK BASED ON CONTEXT INFORMATION

(51) International classification	:H04L29/08,H04L12/58,H04W8/18
(31) Priority Document No	:61/438069
(32) Priority Date	:31/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2012/050081
Filing Date	:30/01/2012
(87) International Publication No	:WO 2012/104483
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LEPP„NEN Kari Juhani
2)TURUNEN Markku Tapio
3)KIUKKONEN Niko Tapani
4)SILLASTO Eero Jari Juhani

(57) Abstract :
An approach is provided for methods and apparatus for efficiently and effectively determining communities of interest for a user for use over an ad hoc mesh network based on context information associated with user devices. Context information of a device is accessed. The context information is processed to determine one or more themes associated with the context information. One or more communities of interest relating to the one or more themes are determined the one or more communities of interest having respective community identifiers corresponding therewith. The device is associated with at least one of the communities of interest relating to the one or more themes based at least in part on the corresponding community identifiers for accessing awareness information related to one or more of the communities of interest associated with the device. Further the availability of at least one of the communities of interest associated with the device can be identified via the ad hoc mesh network based at least in part on the corresponding community identifiers and awareness information can be accessed based at least in part on the availability of the at least one of the communities of interest associated with the device.

No. of Pages : 74 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.641/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AMINOPYRIDINE DERIVATIVES FOR REMOVAL OF HYDROGEN SULFIDE FROM A GAS MIXTURE

(51) International classification :C07D213/74,B01D53/14
(31) Priority Document No :61/512558
(32) Priority Date :28/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047016
Filing Date :17/07/2012
(87) International Publication No :WO 2013/016063
(61) Patent of Addition 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)LAROCHE Christophe R.
2)PADILLA Gerardo

(57) Abstract :
The present invention relates to a novel class of aminopyridine derivatives with the general formula: wherein R; R R and R are each independently hydrogen an alkyl group (0 CH CH2) OH wherein n is an integer from 0 to 8 CH (0 CH CH)n OH wherein n is an integer from 0 to 8 an hydroxyalkyl group an aminoalkyl group where the nitrogen can be part of a 5 or 6 ring membered cycle an alkylene group containing quaternary ammonium a carboxylic acid and/or a salt thereof or a sulphonic acid and/or a salt thereof preferably R; R R and R are each hydrogen. The compounds are useful for removal of hydrogen sulfide and other impurities from fluid streams containing hydrogen sulfide including selective removal from such streams which also contain carbon dioxide. Examples of the fluid stream include a gas stream for example natural gas synthesis gas tail gas refinery gas or from liquid streams such as liquid or liquefied hydrocarbons for example Liquefied Petroleum Gas or Natural Gas Liquids.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2013

(21) Application No.6411/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING PHENOXYPYRIDINE DERIVATIVE

(51) International classification :C07D401/12,C07D401/14,A61K31/496
(31) Priority Document No :2011072231
(32) Priority Date :29/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057949
Filing Date :27/03/2012
(87) International Publication No :WO 2012/133416
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKAHASHI MASABUMI

(57) Abstract :
Disclosed is a method for producing a compound represented by formula (I) or a salt thereof the method being characterized in that a compound represented by formula (II) or a salt thereof is reacted with an aniline derivative represented by formula (III) in water or in a mixed solvent of water and an organic solvent in the presence of 1 ethyl 3 (3 dimethylaminopropyl) carbodiimide and substantially in the absence of a base. (In the formulas R is a 4 [3 (dimethylamino)azetidin 1 yl]piperidin 1 yl group a 4 (4 methylpiperazin 1 yl)piperidin 1 yl group a 3 hydroxyazetidin 1 yl group or a methyl(1 methylpiperidin 4 yl)amino group; R R R and R are each identical or different and signify a hydrogen atom or a fluorine atom; and R signifies a hydrogen atom or a halogen atom.)

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.652/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THERMOSENSITIVE RECORDING LABEL

(51) International classification :G09F3/02,B41M5/337,G09F3/10
(31) Priority Document No :2011243031
(32) Priority Date :07/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078556
Filing Date :30/10/2012
(87) International Publication No :WO 2013/069581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)IKEDA Toshiaki
2)KUGA Yutaka
3)KUGOH Tomoyuki

(57) Abstract :
To provide a thermosensitive recording label which contains a base an under layer a thermosensitive coloring layer a barrier layer a release layer and an adhesive layer where the under layer the thermosensitive coloring layer the barrier layer and the release layer are disposed on one surface of the base in this order and the adhesive layer is disposed on the other surface of the base wherein the release layer contains a cured product of a heat curing silicone resin and the barrier layer contains a cured product of a water soluble resin with a crosslinking agent and inorganic filler.

No. of Pages : 76 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.702/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SUGAR BASED POLYURETHANES METHODS FOR THEIR PREPARATION AND METHODS OF USE THEREOF

(51) International classification :C08G18/28,C08L75/04,C09K21/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/048885
Filing Date :30/07/2012
(87) International Publication No :WO 2014/021827
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RATHKE Thomas
3)VALENTINE Charles
4)SVENSON Douglas

(57) Abstract :
Polyurethane foams which are highly flame resistant are described as well as the production of such polyurethane foams by the reaction between a natural polyol such as sucrose or a blend of mono or disaccharides in place of the standard hydrocarbon based polyol component a polyisocyanate and water in the presence of a suitable polyurethane forming catalyst and a flame retardant and optionally one or more components such as surfactants and/or emulsifiers. The resultant polyurethane foam is at least 80% green as a biobased solid based on the resin blend may be formulated in a variety of foam densities for a variety of applications and exhibits a high degree of burn resistance.

No. of Pages : 59 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2014

(21) Application No.5749/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR TREATING WASTE MATERIAL

(51) International classification :C02F3/12
(31) Priority Document No :61/639108
(32) Priority Date :27/04/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/052769
Filing Date :07/04/2013
(87) International Publication No :WO 2013/160779
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BITTAN BANIN Gilli
2)AMIR David
3)BARASH Yael
4)GELBART Idit

(57) Abstract :
A method of maintaining a bioreactor of a waste material treatment system is disclosed. The method comprises monitoring the condition of bacteria and/or waste material. If the condition satisfies a first set of criteria bacteria is transferred from a bacterial backup container to the bioreactor. If the condition satisfies a second set of criteria bacteria is transferred from the bioreactor to the bacterial backup container. In some embodiments of the present invention the method predicts the condition of the bacteria and/or waste material.

No. of Pages : 51 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.633/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LEVER FITTING TYPE CONNECTOR

(51) International classification :H01R13/629,H01R13/64
(31) Priority Document No :2011147435
(32) Priority Date :01/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/066519
Filing Date :28/06/2012
(87) International Publication No :WO 2013/005629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TASHIRO Akinori
3)TSURUTA Akihiro
4)TERAO Kazuya

(57) Abstract :
A fitting guide part (9) is provided between a male housing (3) and a hood (5) the fitting guide part (9) guiding the male connector (3) with respect to a female connector (2) in a normal fitting direction by receiving a load applied to the male connector (3) in a direction oblique to the female connector (2) caused by the rotating operation of a lever (7). The fitting guide part (9) comprises: a guide rib (58) provided on either an inner wall of the male connector (3) or of the hood (5); and a rib guiding groove (37) provided in the other inner wall and into which the guide rib (58) is inserted.

No. of Pages : 54 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.691/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR DISPENSING A LIQUID ADDITIVE INTO A FUEL CIRCULATION CIRCUIT FOR AN INTERNAL COMBUSTION ENGINE VEHICLE COMPRISING SUCH A DEVICE AND METHOD FOR USING SAID DEVICE

(51) International classification :F02M25/10,F02M37/00,F02D41/00
(31) Priority Document No :11 57206
(32) Priority Date :05/08/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/064523
Filing Date :24/07/2012
(87) International Publication No :WO 2013/020805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FILTRAUTO
(72)**Name of Inventor :**
1)HARLE Virginie
2)LALLEMAND Michael
3)SEGUELONG Thierry
4)MONSALLIER Guy

(57) Abstract :
The invention relates to a device for dispensing a liquid additive into a fuel circulation circuit (2) for an internal combustion engine in particular for an engine with which a vehicle is fitted wherein said device comprises: a tank (26) containing the additive; a chamber (24) which is in communication with the fuel circulation circuit (2) and inside which the tank (26) containing the additive is inserted; an additive injecting means connected to the tank (26) and to the fuel circulation circuit (2) for dispensing the additive into the fuel circulation circuit (2); and a means for controlling the injection means.

No. of Pages : 43 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.703/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPONENT HAVING A FASTENING APPARATUS FOR ADD ON PARTS

(51) International classification :B66B23/00,B66B23/14,B66B7/02
(31) Priority Document No :11174899.2
(32) Priority Date :21/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063361
Filing Date :09/07/2012
(87) International Publication No :WO 2013/010838
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MATHEISL Michael
2)SCHULZ Robert
3)ILLEDITS Thomas
4)HAUER Uwe

(57) Abstract :
The invention relates to a component (5) of an escalator (1) of a moving walkway or of an elevator which component (5) has a fastening apparatus (18) which comprises a spring element (20) a locking position (30) for locking the spring element (20) and a support position (31) for supporting an add on part (7) to be fastened. The spring element (20) is arranged pivotably on the component (5) wherein in a tensioned state the spring element (20) is locked in the locking position (30) and the add on part (7) is pressed against the support position (31) by the tensioned spring element (20).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7148/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AUTOMATIC VOLTAGE REGULATION FOR PHOTOVOLTAIC SYSTEMS

(51) International classification :G05F1/00
(31) Priority Document No :13/047005
(32) Priority Date :14/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026791
Filing Date :27/02/2012
(87) International Publication No :WO 2012/125278
(61) Patent of Addition 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 photovoltaic system includes solar cells and photovoltaic inverters (110) configured to convert direct current generated by the solar cells to alternating current. Grid voltage at the point of interconnection (POI) (204) of the photovoltaic system and the power grid is measured and compared to a setpoint. A control signal is generated based on the measured grid voltage. The control signal is provided to the photovoltaic inverters (110). The control signal is adjusted to cause the photovoltaic inverters (110) to generate or absorb reactive power to respond to transient grid voltage changes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014

(21) Application No.697/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MIXING DEVICE WITH TANGENTIAL INLETS FOR TWO-PHASE CONCURRENT VESSELS

(51) International classification :B01J8/00
(31) Priority Document No :13155723.3
(32) Priority Date :19/02/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MULLER, MORTEN

(57) Abstract :
Vapor and liquid flow concurrently through a vertical vessel. A horizontal flow obstructing mixing device is located within the vessel and forces the vapor and liquid to pass in a vertical direction through one or more inlet openings to the mixing device. The mixing device consists of circular top and bottom walls and a cylindrical side wall. Inside the mixing device curved flow baffles are provided. These flow baffles form one or more tangential inlet orifices, which are located as far from the vessel centeriine as possible. The entire process stream flows through the one or more tangential inlet orifices at high flow velocity and in a tangential direction into a swirl box. The high momentum of the process stream in the tangential inlet orifices, the pure tangential direction of the stream, and the large distance between the tangential inlet orifice(s) and the vessel centeriine result in a violet swirling flow and in a large number of fluid rotations in the swirl box. The large number of fluid rotations in the swirl box is essential to properly mix the stream(s) entering through the tangential inlet orifice(s) with each other. The fluids exit the mixing device in a vertical direction through an outlet opening in the bottom wall of the mixing device. An impingement plate is located below this outlet opening to spread the liquid and to break down the velocity of the jet. The temperature and chemical composition of the outlet stream is equilibrated.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7087/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CHROMENE COMPOUND

(51) International classification :C07D495/10,C07D497/10,C07D513/10
(31) Priority Document No :2011050730
(32) Priority Date :08/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056491
Filing Date :07/03/2012
(87) International Publication No :WO 2012/121414
(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)TAKAHASHI Toshiaki
5)SANDO Mitsuyoshi
6)IZUMI Shinobu

(57) Abstract :
The present invention provides a novel photochromic compound having superior durability a rapid fading speed and a high color emission density and wherein the color tone during color emission exhibits an intermediate color. The chromene compound is characterized by a heterocyclic ring having two heteroatoms including at least one sulfur atom that is directly bonded to the hetero atom at the 6 position and 7 position of an indeno(2 1 f)naphtho(1 2 b)pyrane structure and having the indeno(2 1 f)naphtho(1 2 b)pyrane structure as the basic framework such as the compound indicated by the formula (18) for example.

No. of Pages : 122 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014

(21) Application No.709/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRONIC DEVICE PROVIDED WITH AUTOMATIC LEAK DETECTION MEANS

(51) International classification :G01M3/00
(31) Priority Document No :13156177.1
(32) Priority Date :21/02/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARTIN, JEAN-CLAUDE
3)GERMIQUET, CHRISTOPHE

(57) Abstract :
The electronic device (1) is provided with an automatic leak detection means, notably for a gas leak, in the case of the device. The automatic leak detection means includes a pressure sensor (3), a temperature sensor (4) and a calculation unit (5) connected to the pressure sensor and to the temperature sensor. The calculation unit (5), which is a microcontroller, the pressure sensor (3) and the temperature sensor (4) are arranged inside the case (2). In operation, the microcontroller (5) checks, based on measurements performed by the pressure sensor and the temperature sensor over time, whether the variation in pressure in the case is within a defined margin proportional to the variation in temperature to determine whether or not the case has a sufficient degree of sealing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.721/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WIRING BOARD

(51) International classification :H05K1/11,H05K1/02,H05K1/16
(31) Priority Document No :2011148715
(32) Priority Date :04/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065879
Filing Date :21/06/2012
(87) International Publication No :WO 2013/005576
(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)MIYAKE Masao
7)HAYAKAWA Takahiro
8)ASAI Tomoaki
9)YAMAUCHI Ryou

(57) Abstract :
This wiring board is provided with an insulating core substrate a first conductor pattern a second conductor pattern and a conductive material. The first conductor pattern and the second conductor pattern are adhered to the insulating core substrate. The second conductor pattern has a first surface and a second surface. The second conductor pattern has a concavity and a through hole. The opening of the concavity that opens to the first surface and the opening of the through hole that opens to the first surface are interconnected to each other. The first conductor pattern is positioned at the opening of the concavity. The first conductor pattern and the second conductor pattern are electrically connected by means of the conductive material which fills from the opening of the through hole that opens to the second surface.

No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2014

(21) Application No.457/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYACRYLATE BASED ACTIVE COMPOUND COMPRISING PARTICLES

(51) International classification :A01N25/24,A61K8/81,A61Q17/02
(31) Priority Document No :11175537.7
(32) Priority Date :27/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/064424
Filing Date :23/07/2012
(87) International Publication No :WO 2013/014127
(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)STANNECK Dorothee

(57) Abstract :
The invention relates to novel polyacrylate based active compound comprising particles which bind to hair and to the use of these particles for preparing medicaments in particular for veterinary medicine. The particles comprise uncharged and cationic polyacrylate and are at most 10 um big.

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.489/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMPROVED FOOD PACKAGING

(51) International classification :B65D75/42,B65D75/52,B65D75/58
(31) Priority Document No :1112444.3
(32) Priority Date :20/07/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051745
Filing Date :20/07/2012
(87) International Publication No :WO 2013/011328
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BLYTH Simon
2)CORT Dominic
3)DIXON Hayley

(57) Abstract :
A gum packaging 100 holding a plurality of gum products is provided. Advantageously and in accordance with the exemplary embodiment one or more gum packet portions 200 can be torn from the gum packaging 100 in order to reduce the size of the gum packaging 100. Here each gum packet portion 200 contains a dosage of gum. Consequently a retail outlet may sell gum packaging 100 having a user required number of gum dosages by tearing from a main gum packaging 100 a sub gum packaging 100 for purchase wherein the sub gum packaging 100 has the required number of gum packet portions 200 according to the buyers wishes. Furthermore a user may purchase a main gum packaging 100 and remove a sub gum packaging 100 having a required dosage for that day or activity where the sub gum packaging 100 has the required number of gum packet portions 200 according to the selected dosage. This is advantageous because the user only has to carry around the gum required. Moreover as the gum is consumed and the used gum packet portions 200 torn or otherwise separated from the gum packaging 100 the gum packaging becomes smaller and therefore more comfortable to carry around.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.500/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HOLLOW SEALING STRUCTURE

(51) International classification :H01L23/04,H01L23/02,H01L23/08
(31) Priority Document No :2011208642
(32) Priority Date :26/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074184
Filing Date :21/09/2012
(87) International Publication No :WO 2013/047354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)UEDA Takashi
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(57) Abstract :
A hollow sealing structure is provided with a substrate an element section which is provided on a first surface of the substrate a cap which covers the element section and a resin layer which covers the cap. The substrate has a positioning section which positions the cap. The cap has an affixation section which is disposed at the positioning section and which affixes the cap to the substrate. The resin layer is connected to both the positioning section and the affixation section.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.722/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LEVER TYPE CONNECTOR

(51) International classification :H01R13/639,H01R13/629,H01R13/74
(31) Priority Document No :2011147155
(32) Priority Date :01/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/066554
Filing Date :28/06/2012
(87) International Publication No :WO 2013/005637
(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)TERAO Kazuya

(57) Abstract :
This lever type connector (1) comprises a first connector (3) a second connector (5) and a lever (7) that fits the first connector (3) and the second connector (5) together by being rotated the lever type connector being attached to an attachment hole (11) of a panel (9) when the first connector (3) and the second connector (5) are in a fitted state. The lever (7) is provided with a bendable engaging part (13). The first connector (3) is provided with an engaged part (15) with which the engaging part (13) engages by being bent by the rotation of the lever (7) the engaging part (13) engaging with the engaged part when the first connector (3) and the second connector (5) are in a normally fitted state. The engaging part (13) is provided with a restricting part (17) that is arranged so as to oppose the edge of the attachment hole (11) of the panel (9) when the first connector (3) and the second connector (5) are attached to the attachment hole (11) in the normally fitted state the restricting part (17) preventing the disengagement of the engaging part (13) and the engaged part (15).

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.640/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A METHOD AND NODE FOR LOCALIZING A NODE IN A WIRELESS NETWORK

(51) International classification :G01S5/02,G01S11/06,G01S11/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/061186
Filing Date :04/07/2011
(87) International Publication No :WO 2013/004284
(61) Patent of Addition 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)ORTEN Pal

(57) Abstract :
The invention relates to a method for localizing a node in a wireless network the method comprising: receiving location signals transmitted by beacons the location signals comprising information about the locations of the respective beacons; detecting the respective received signal strengths of the received location signals; obtaining information about the different signal levels at which the beacons can transmit; studying the received location signals; determining the signal levels used by each of the beacons for the transmission of the location signals based on the studying of the received signals; calculating a distance to each of the beacons based on the detected signal strengths and the determined signal levels; and localizing the node by means of the received location information and the calculated distances. The invention also relates to a node ant to a wireless network.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.701/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A FUEL INJECTOR WITH AN IMPROVED VALVE CONTROL ARRANGEMENT

(51) International classification :F02M
(31) Priority Document No :08101850.9
(32) Priority Date :21/02/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/052132
Filing Date :23/02/2009
(87) International Publication No :WO/2009/103819
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :5847/CHENP/2010
Filed on :23/02/2009

(71)**Name of Applicant :**
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1)LECLUSE, ERIC
2)EXTERS, RICHARD
3)CHARLEXU, ERIC

(57) Abstract :
A fuel injector (1) for a compression ignition internal combustion engine which comprises a fuel injection valve having an injection valve member (5) which is moveable in use, under the influence of fuel pressure within an injection valve member control chamber (25) acting upon it, between a closed position and an open position. The fuel injector (1) further comprises a high pressure fuel supply passage (17) to the injection valve member control chamber (25), and an actuator operable to open and close a discharge valve (61) connected between the injection valve member control chamber (25) and a fuel outlet passage (59) to a low pressure reservoir or drain. A shut-off valve is provided in the high pressure fuel supply passage and the shut-off valve has a shut-off valve member (29) which is moveable in use, under the influence of fuel pressure within a shut-off valve member control chamber (51) acting upon it, between a closed position and an open position. The shut-off valve member control chamber (51) is connectable to the low pressure reservoir or drain via the discharge valve (61), and a fuel transfer passage (63) is provided between the injection valve member control chamber (25) and the low pressure reservoir or drain.

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/08/2013

(21) Application No.7010/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DELIVERING CEMENT PASTE INTO A BONE CAVITY

(51) International classification :A61B17/58,A61F2/28,A61B17/56
(31) Priority Document No :61/479421
(32) Priority Date :27/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027978
Filing Date :07/03/2012
(87) International Publication No :WO 2012/148574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JU Chien Ping

(57) Abstract :
The present invention is related to a technique for simultaneously forming a plurality of paste filled tunnels. The plurality of paste filled tunnels are connected to a surgical tube directly or indirectly and emptied one after another until a desired amount of the paste is injected into a bone cavity organ or a tissue via the surgical tube. The paste may be a bone cement paste a drug powder paste viscous fluid or gel. The injected bone cement paste will set in the bone cavity to act as a medical implant.

No. of Pages : 54 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.725/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HFO /WATER BLOWN RIGID FOAM SYSTEMS

(51) International classification :C08J9/12,C08J9/14
(31) Priority Document No :11176102.9
(32) Priority Date :01/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/064847
Filing Date :30/07/2012
(87) International Publication No :WO 2013/017554
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a method for producing polyurethane rigid foams by reacting a) at least one organic polyisocyanate with b) at least one polyol component in the presence of a blowing agent mixture containing water and halogenated alkenes wherein the amount of water is at least 1.40 mol/kg polyol component b) and the amount of halogenated alkene is at most 2.00 mol/kg polyol component b) and to the use of such a blowing agent mixture to produce corresponding polyurethane rigid foams and to increase the adhesion and to reduce the thermal conductivity of corresponding polyurethane rigid foams. The invention further relates to a polyurethane rigid foam that can be produced by the method according to the invention.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013

(21) Application No.6574/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPLICATION OF A NON SECURE WARNING TONE TO A PACKETISED VOICE SIGNAL

(51) International classification :H04M7/00,H04L29/06
(31) Priority Document No :1102864.4
(32) Priority Date :18/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050338
Filing Date :15/02/2012
(87) International Publication No :WO 2012/110810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JENNER Stephen Matthew Allan

(57) Abstract :
A method (10) of applying a non secure warning tone to a packetized voice signal comprises: receiving a voice signal comprising a sequence of voice samples (12); providing a non secure warning tone signal comprising a plurality of tone samples (14); and modifying the voice signal by selectively including tone samples in the sequence of voice samples (16).

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.682/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VEHICLE BODY STRUCTURE AND METHOD FOR ASSEMBLING VEHICLE BODY STRUCTURE

(51) International classification :B62D25/06
(31) Priority Document No :2011147983
(32) Priority Date :04/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065619
Filing Date :19/06/2012
(87) International Publication No :WO 2013/005567
(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 vehicle body structure (1) comprises roof side rails (20) a roof arch (4) and a roof panel (5). The roof side rails (20) have placement sections (26) which extend inward in the width direction of the vehicle and on which the outer ends (5A) of the roof panel (5) in the width direction of the vehicle are placed. The outer ends (4A) of the roof arch (4) in the width direction of the vehicle are located further toward the outer sides in the width direction of the vehicle than the inner ends (26A) of the placement sections (26) in the width direction of the vehicle are joined to the roof side rails (20) and are disposed at positions separated downward from the outer ends (5A) of the roof panel (5) in the width direction of the vehicle. The roof arch (4) and the roof side rails (20) have flange sections (24 25 43 44) in contact with the other to prevent the downward movement of the roof arch (4). The flange sections (24 25 43 44) are located above the outer ends (4A) of the roof arch (4) in the width direction of the vehicle.

No. of Pages : 72 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7306/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND WEAVING MACHINE FOR SHEDDING

(51) International classification :D03C1/14,D03C13/00,D03D51/02
(31) Priority Document No :10 2011 006 368.4
(32) Priority Date :29/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052529
Filing Date :14/02/2012
(87) International Publication No :WO 2012/130519
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CRAMER Michael

(57) Abstract :
The invention relates to shedding on a weaving machine (2) which is driven by a main motor (3) having a shedding device (4) which is driven by a shedding motor (5) wherein in each movement cycle (N) of the weaving machine (2) a shed (7) formed by warp threads (8) of the weaving machine is opened and closed depending on a weave pattern and wherein the synchronicity of the two motors (3 5) is controlled by signals (10) from a control device (9). During some (Tn1 Tn2) movement cycles (N) the synchronicity of the two motors (3 5) is changed such that a plurality of shed closing angles (FSW) to which the shed (7) is closed in the respective movement cycles (N) form an increasing or decreasing sequence.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7307/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CHARGE CONTROL DEVICE AND DRIVE LOAD MODULE

(51) International classification :H02J7/34,H02J7/35
(31) Priority Document No :2011056380
(32) Priority Date :15/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056962
Filing Date :23/03/2011
(87) International Publication No :WO 2012/124156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
This charge control device controls a charging stage of a power storage unit which stores power supplied from a power supply and which supplies the stored power to a load. The charge control device is provided with a voltage monitoring unit which determines that the power storage unit is in a charged state when a voltage between the terminals of the power storage unit is a predetermined upper limit voltage or higher and which determines that charging is necessary when the voltage between the terminals of the power storage unit is a predetermined lower limit voltage or lower said predetermined lower limit voltage being lower than the predetermined upper limit voltage. When the voltage monitoring unit determines that the charging of the power storage unit is necessary on the basis of the fact that the voltage between the terminals of the power storage unit is the predetermined lower limit voltage or lower due to a voltage drop generated in the power storage unit due to resistance components and a load current in the power storage unit when the load is being driven by means of power supplied from the power storage unit the power storage unit is charged with power from the power supply and the voltage between the terminals of the power storage unit is set to the predetermined upper limit voltage or higher.

No. of Pages : 71 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.490/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF FORMING A CONDUCTIVE IMAGE ON A NON CONDUCTIVE SURFACE

(51) International classification :H05K3/18,H05K3/10,H01L21/768
(31) Priority Document No :61/525662
(32) Priority Date :19/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051193
Filing Date :16/08/2012
(87) International Publication No :WO 2013/028473
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WISMANN William

(57) Abstract :
The present invention relates to a method for forming a raised conductive image on a non conductive or dielectric surface the method comprising placing a metal coordination complex on a surface of the substrate exposing the surface to electromagnetic radiation reducing the exposed complex removing unexposed metal complex leaving an elemental metal image drying the surface and then plating the resulting elemental metal image with a highly conductive material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.536/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXHAUST SYSTEM FOR A MOTORCYCLE

(51) International classification :F01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAVI KUMAR GOKA BALU
2)ARUNKUMAR FRANCIS

(57) Abstract :
Present disclosure provides an exhaust system for motorcycle which is ■i « placed within the frame width of the motorcycle and is mounted in the space between the engine and the rear wheel. This exhaust system has a first chamber connected with the engine through a first flow passage and connected with a muffler unit through a secondary flow passage. Said muffler unit has a rearward inclined extension outlet(s) on its rear side configured to facilitate exhaust gas exit into the atmosphere. In the described invention rear suspension system is positioned between splits of the muffler unit for maintaining more stability related to the centre of gravity. Also this muffler unit is secured between rear part of the frame and the rear wheel such that location of muffler unit remains above the level of rear wheel during full compression of rear suspension system.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.684/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PRODUCING DISPERSIBLE POWDERS

(51) International classification :B01J2/04,B01J2/30,C08J3/12
(31) Priority Document No :102011080233.9
(32) Priority Date :01/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/064430
Filing Date :23/07/2012
(87) International Publication No :WO 2013/017463
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HERBERT Michael
2)RING Jochen
3)KILLAT Stefan
4)GERSTENBERGER Bernd

(57) Abstract :
The invention relates to a process for producing dispersible powders by spray drying aqueous polymer dispersions and adding antiblocking agent characterized in that antiblocking agents present in agglomerated form and having a particle size from 10 µm to 250 µm or having a particle size from 5 mm to 5 cm in the case of agglomerates in the form of extrudates are fed in whole or in part by a transport gas into the spray drying device and are comminuted to a particle size from 0.01 µm to 5 µm or in the case of extrudates to a particle size from 2 µm to 60 µm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.735/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING ETHANOL USING CELLULOSIC BIOMASS AS STARTING MATERIAL

(51) International classification :C12P7/10
(31) Priority Document No :2011218036
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006050
Filing Date :24/09/2012
(87) International Publication No :WO 2013/046624
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)IZUMI Noriaki
3)TAJIRI Hironori
4)TSUJITA Shoji
5)NISHINO Takashi
6)MASAMOTO Manabu

(57) Abstract :
The purpose of the present invention is to control processing costs by collecting the volatile organic acid from a C5 saccharide liquid after saccharifying and dissolving the hemicellulose using the volatile organic acid as the catalyst and by reusing the volatile organic acid as the catalyst for saccharifying and dissolving the hemicellulose in a method for producing ethanol using cellulosic biomass as the starting material. In the present invention it is possible to easily collect volatile organic acids (the volatile organic acid added in a slurry and the volatile organic acid created as a by product) contained in a C5 saccharide liquid by adding a small amount of sulfuric acid in the C5 saccharide liquid and by subjecting the C5 saccharide liquid to air stripping treatment after the volatile organic acid is added to a slurry as a catalyst and the hemicellulose is saccharified and dissolved. Moreover it is possible to continuously improve the saccharification/dissolution rate when saccharifying and dissolving the hemicellulose into a C5 saccharide by means of the volatile organic acid by adding the collected volatile organic acid as a catalyst into another slurry of the cellulosic biomass.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2013

(21) Application No.6927/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DRAWER DEVICE AND MEDIUM TRANSACTION APPARATUS

(51) International classification :A47B88/00,G07D9/00
(31) Priority Document No :2012076490
(32) Priority Date :29/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013055878
Filing Date :04/03/2013
(87) International Publication No :WO 2013/146113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YOKOTE Takamoto

(57) Abstract :
In order to achieve higher reliability a bill deposit/withdrawal machine (10) detects by an interlock switch (38) whether or not a lower unit (28) is drawn out of a safe casing (26) detects at least two states among a locked state a half locked state and a drawn state by a lock sensor (80) and distinguishes among three states of the locked state the half locked state and the drawn state by a bill control unit (11) on the basis of the result of the detection by the interlock switch (38) and the result of the detection by the lock sensor (80).

No. of Pages : 60 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.693/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : INTRAPERITONEALLY ADMINISTERED NANOCARRIERS THAT RELEASE THEIR THERAPEUTIC LOAD BASED ON THE INFLAMMATORY ENVIRONMENT OF CANCERS

(51) International classification :A61K9/16,A61K9/14,A61K9/22
(31) Priority Document No :61/509251
(32) Priority Date :19/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047133
Filing Date :18/07/2012
(87) International Publication No :WO 2013/012891
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZEINELDEN Reema

(57) Abstract :
In one embodiment the invention provides a new design of nanocarrier compositions that release their therapeutic load specifically at intraperitoneal cancers site. These nanocarriers are administered intraperitoneally and comprise a plurality of porous nanoparticulates that (a) are loaded with one or more pharmaceutically active agents alone or in combination with imaging agents thus providing a theranostic value and (b) that are encapsulated by and that support a lipid bilayer which is disrupted upon contact with a reactive oxygen species generated within the environment of the cancer. In other embodiments the invention provides methods of treatment and pharmaceutical compositions comprising nanocarriers as described herein.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.705/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SPRAY HEAD ASSEMBLY WITH INTEGRATED AIR CAP/NOZZLE FOR A LIQUID SPRAY GUN

(51) International classification :B05B7/06,B05B15/02,B05B7/08
(31) Priority Document No :61/512678
(32) Priority Date :28/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/048223
Filing Date :26/07/2012
(87) International Publication No :WO 2013/016474
(61) Patent of Addition 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)JOSEPH Stephen C.P.

(57) Abstract :
Integrated air cap/nozzles (40) spray head assemblies (20) including the integrated air cap/nozzles (40) and liquid spray guns that include the integrated air cap/nozzles (40) are described herein. The integrated air cap/nozzles (40) provide and define both the liquid nozzle openings (52) and the center air outlets (54) for the center air of the liquid spray guns and the spray head assemblies (20). The integrated air cap/nozzles (40) can be removably attached over a liquid nozzle port (32) formed in the spray head assembly (20) and/or on the spray gun platform (10) or body using any suitable attachment mechanism.

No. of Pages : 57 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2013

(21) Application No.7434/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESSING DEPTH DATA OF A THREE DIMENSIONAL SCENE

(51) International classification :H04N13/00
(31) Priority Document No :11155522.3
(32) Priority Date :23/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/050720
Filing Date :16/02/2012
(87) International Publication No :WO 2012/114236
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VANDEWALLE Patrick Luc Els
2)PEETERS Mathias Hubertus Godefrida

(57) Abstract :
The invention relates to a signal processing device (100) for processing three dimensional [3D] image data the 3D image data comprising two dimensional [2D] image data (150) and thereto corresponding 2D depth data (170) and the signal processing device comprising an input (120) for receiving the 2D image data and the 2D depth data a first outlier detector (160) for establishing a statistical depth deviation (178)of a depth value from other depth values in a first spatial neighborhood of the 2D depth data a second outlier detector (140) for establishing a statistical image deviation (158) of an image value from other image values in a second spatial neighborhood of the 2D image data the depth value representing a depth of the image value and a depth value generator (180) for in dependence on the statistical depth deviation and the statistical image deviation providing a replacement depth value (190) when the statistical depth deviation exceeds the statistical image deviation the replacement depth value having a lower statistical depth deviation than the depth value.

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

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

(21) Application No.6622/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AUTOMATED SPIROGRAM ANALYSIS AND INTERPRETATION

(51) International classification :A61B5/091
(31) Priority Document No :61/437806
(32) Priority Date :31/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050316
Filing Date :24/01/2012
(87) International Publication No :WO 2012/104743
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HELFENBEIN Eric
2)ZHOU Sophia Huai
3)MASON Martin

(57) Abstract :
Automated analysis and interpretation of spirograms is provided to assess lung function of a subject. If the shape of a spirogram plot is deemed suitably reliable the spirogram may be subsequently used for diagnostic purposes. Quality control of spirograms and/or interpretation of reliable spirograms may use shape templates corresponding to common test problems and/or typical lung diseases.

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

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

(21) Application No.6623/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRINTED CIRCUIT BOARD ASSEMBLY

(51) International classification :H05K1/02,H05K3/22,H05K3/30
(31) Priority Document No :PCT/CN2011/070824
(32) Priority Date :30/01/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/050408
Filing Date :30/01/2012
(87) International Publication No:WO 2012/101611
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JI Hangfeng
2)BALKENENDE Abraham Rudolf
3)CHEN Hong

(57) Abstract :
The present invention relates to a printed circuit board assembly (10) said printed circuit board assembly comprising: a substrate (100); two or more electronic components which are categorized wherein each component is secured to the substrate by securing means having a different predetermined thermal release temperature depending on which category said component belongs to. The invention furthermore relates to a method of assembling the printed circuit board assembly and a method of disassembling the printed circuit board assembly according to the invention.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.737/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METAL STRIP STABILIZER METHOD FOR MANUFACTURING HOT DIPPED METAL STRIP AND METAL STRIP

(51) International classification :C23C2/40,B65H23/04,F16F15/02
(31) Priority Document No :2011174204
(32) Priority Date :09/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070115
Filing Date :07/08/2012
(87) International Publication No :WO 2013/022004
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NISHINA Yoshiaki

(57) Abstract :
Provided is a metal strip stabilizer with which loss in vibration suppression performance caused by an induced current between a vibration suppression coil and a position correction coil may be prevented. The metal strip stabilizer of the present invention comprises: a non contact displacement sensor which measures displacement of a metal strip (2) during online running; a control unit (5) which outputs a vibration suppression signal and a position correction signal after inputting a signal from the non contact displacement sensor; a vibration suppression coil (7a) which generates a magnetic force according to the vibration suppression signal output from the control unit (5); a position correction coil (7b) which generates a magnetic force according to the position correction signal output from the control unit (5) a winding number thereof being larger than a winding number of the vibration suppression coil (7a); a core (6) where the vibration suppression coil (7a) and the position correction coil (7b) are wound concentrically the magnetic force generated by the vibration suppression coil (7a) and the position correction coil (7b) being induced to the metal strip (2); and a counter induced current coil (13a) which is disposed in series in an electric circuit supplying electricity to the position correction coil (7b).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2013

(21) Application No.7514/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR THERMAL MANAGEMENT OF BATTERY CHARGING CONCURRENCIES IN A PORTABLE COMPUTING DEVICE

(51) International classification :H02J7/00
(31) Priority Document No :61/478163
(32) Priority Date :22/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033204
Filing Date :12/04/2012
(87) International Publication No :WO 2012/145216
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NGAI Francis

(57) Abstract :
A method and system for reducing thermal load by monitoring temperatures within a portable computing device and based on those temperatures controlling a battery charge function are disclosed. The method includes monitoring a power management integrated circuit (PMIC) to determine if it is generating excess thermal energy that is contributory to an elevated temperature in a physically proximate application specific integrated circuit (ASIC). If so and if the excess thermal energy is attributable to an ongoing battery recharge operation executed by the PMIC a thermal policy manager module may execute a thermal mitigation technique algorithm to override the PMIC battery recharge function. One exemplary thermal mitigation technique may include a reduction of current sent to the battery thus slowing the charge cycle and reducing the generation of excess thermal energy.

No. of Pages : 50 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2013

(21) Application No.6605/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ADHESIVE BACKED COMMUNICATIONS MEDIA CABLING AND SYSTEM

(51) International classification :H02G3/04,H02G3/08,H02G3/10
(31) Priority Document No :61/452387
(32) Priority Date :14/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027058
Filing Date :29/02/2012
(87) International Publication No:WO 2012/125289
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ALLEN William G.
3)SHOEMAKER Curtis L.
4)STALEY Charles F.
5)GUNDEL Douglas B.
6)VANA James G.

(57) Abstract :
An adhesive backed communications media cable includes a duct having a conduit portion with a lengthwise bore formed therein. The conduit portion includes an Ethernet over twisted pair communication line. The duct also includes a flange extending lengthwise with the conduit portion. An adhesive layer is disposed on a surface of the flange such that the duct is mountable to a mounting surface via the adhesive layer. A system for distributing multiple communications media lines in a living unit includes a multimedia receptacle mountable on a wall or mounting surface and an adhesive backed communications media duct.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.6735/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SHOVEL

(51) International classification :H01G9/26,E02F9/00,H01G9/155
(31) Priority Document No :2011014214
(32) Priority Date :26/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050689
Filing Date :16/01/2012
(87) International Publication No :WO 2012/102108
(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 :
Electric power is supplied to an electric motor from an electricity storage module. An object to be driven is driven by the electric motor. The electricity storage module has protection plates stacked in a stack direction and also has flat plate like electricity storage cells sandwiched between the adjacent protection plates. The protection plates have a position restraining shape for restraining relative positions in a position restraining direction perpendicular to the stack direction.

No. of Pages : 61 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2014

(21) Application No.674/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD OF LATTICE-BASED SEARCH FOR SPOKENT UTTERANCE RETRIEVAL

(51) International classification :G10L15/00
(31) Priority Document No :10/923,915
(32) Priority Date :23/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1168/CHE/2005
Filed on :22/08/2005

(71)**Name of Applicant :**
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2)SPROAT, RICHARD, WILLIAM

(57) Abstract :
A system and method are disclosed for retrieving audio segments from a spoken document The spoken document preferably is one having moderate word error rates such as telephone calls or teleconferences. The method comprises converting speech associated with a spoken document into a lattice representation and indexing the lattice representation of speech. These steps are performed typically off-line. Upon receiving a query from a user, the method further comprises searching the indexed lattice representation of speech and returning retrieved audio segments from the spoken document that match the user query.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2013

(21) Application No.749/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS AND CHIP IN OPTICAL MEDIUM

(51) International classification :H01L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GIDUGU SATYA CHARAN

(57) Abstract :
In generally processor and chips consists of different types of pins like data pins, voltage pins, etc., this pins are connected by a by copper/aluminium metal In a optical medium this data pins are connected by laser diode/led for output and photo diode for input and voltage and ground pins are connected by metal like copper/aluminium

No. of Pages : 4 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.749/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ANTI SCALE WATER TREATMENT SYSTEM AND METHOD

(51) International classification :C02F5/08,C02F1/58
(31) Priority Document No :13/298286
(32) Priority Date :16/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/063248
Filing Date :02/11/2012
(87) International Publication No :WO 2013/074304
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VERMURLEN Jeff
2)BRIGANO Frank A.
3)SCHROEDER John H.

(57) Abstract :
This invention relates to an anti scale water treatment system composition and related methods. The system suppresses hard scale formation by releasing small amounts of transforming agent into water.

No. of Pages : 58 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.764/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LATCH DEVICE

(51) International classification :E05B65/20,B60N2/015,B60N2/44
(31) Priority Document No :2011173385
(32) Priority Date :08/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059232
Filing Date :04/04/2012
(87) International Publication No :WO 2013/021680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KAMATA Kiyohiko
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(57) Abstract :
A latch device (1) forces a latch (4) which is housed in a case constituted by a base plate (2) and a cover plate (3) in a rotationally movable manner to engage with a striker (S) that enters in an entry groove (21) of the case. A fastening member (7) which fastens the case to a member to be attached which is capable of moving relative to the slider (S) is disposed within a range in which an area (A) which is centered on the striker (S) and has a radius defined by the length to the furthest contour of the latch (4) that is engaged with the striker (S) is projected.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.4027/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : EXCREMENT TREATMENT MATERIAL

(51) International classification :A01K1/015
(31) Priority Document No :2011289777
(32) Priority Date :28/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060366
Filing Date :17/04/2012
(87) International Publication No :WO 2013/099311
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ITO Hiroshi
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3)YOSHINAGA Junji

(57) Abstract :
To provide an excrement treatment material which can be treated by hydrolysis after use. [Solution] A granulated excrement treatment material including a bonding agent a water absorptive resin and a water retaining material configured from at least one type of material from among paper fibre wood plant based material plastic rubber organic sludge and animal based waste is characterized in that: the water retaining material has a grain size of 0.6mm or less; and the bonding agent is in the range of 5 20 wt% of the total weight of the excrement treatment material.

No. of Pages : 24 No. of Claims : 4

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

(21) Application No.505/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PULSE ENCODING AND DECODING METHOD AND PULSE CODEC

(51) International classification :G10L19/10
(31) Priority Document No :201010213451.5
(32) Priority Date :24/06/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/074999
Filing Date :31/05/2011
(87) International Publication No :WO 2011/160537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MA Fuwei
2)ZHANG Dejun

(57) Abstract :
A pulse encoding and decoding method and a pulse codec. A joint encoding of two or more tracks enables codebook spaces that would have been idle in a single track encoding to be combined thereby becoming an encoding bit that can be spared. In addition pulses requiring encoding on each track are combined on the basis of location; the numbers of the locations having a pulse the distribution of the locations having a pulse across the track and the number of pulses on each location having a pulse are encoded respectively thus avoiding multiple pulses at one location being encoded individually thereby sparing encoding bits.

No. of Pages : 45 No. of Claims : 21

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

(21) Application No.517/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LEVER TYPE CONNECTOR

(51) International classification :H01R13/631,H01R13/629
(31) Priority Document No :2011140331
(32) Priority Date :24/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004059
Filing Date :22/06/2012
(87) International Publication No :WO 2013/018269
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOCHIZUKI Keita

(57) Abstract :
A lever type connector includes a male connector housing (11) a female connector housing (21) and a lever (31). The male connector housing includes a guide rib (14) protruding in at least one direction in a width direction perpendicular to a fitting direction in which the male connector housing is fitted into the female connector housing. The female connector housing includes a reception section (22) which receives the male connector housing and a guide rib guide unit (23) which guides the guide rib. The guide rib guide unit includes a guide groove (24) which guides the guide rib in the reception section in the fitting direction in which the male connector housing is fitted into the female connector housing and a guide slope (25) which engages with the guide rib outside the reception section and guides the engaged guide rib to an opening of the guide groove.

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

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

(21) Application No.655/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PRINTING APPARATUS, PRINTING METHOD, AND STORAGE MEDIUM

(51) International classification :G06F21/00
(31) Priority Document No :2013-030898
(32) Priority Date :20/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NAOYA KAKUTANI

(57) Abstract :
A printing apparatus includes a storage unit configured to store print data including a password upon receipt of the print data, a receiving unit configured to receive a print instruction for the stored print data from a user, an authentication unit capable of performing user authentication, and a printing unit configured to perform printing without causing an authenticated user to enter a password in a case where an owner of the print-instructed print data matches the authenticated user, and to perform printing in response to a match between a password received from a user and the password included in the print data in a case where the owner of the print-instructed print data differs from the authenticated user, or in a case where a print instruction is received without user authentication by the authentication unit.

No. of Pages : 66 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.765/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POP UP NOZZLE CLEANING DEVICE AND METHOD OF OPERATION

(51) International classification :B05B15/10,B08B9/08,B08B9/093
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DK2011/050265
Filing Date :06/07/2011
(87) International Publication No :WO 2013/004231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JENSEN Thomas Willum

(57) Abstract :
The nozzle (1) for cleaning in place of a vessel hasa nozzle body (2) adapted to be connected to a wall of the vessel and defining an opening (3) anozzle insert (10) is contained within the nozzle body(2) and is ableto assume at least two distinct positions relative to the nozzle body (2). Thus in a first position the nozzle insert (10) is retracted into the nozzle body (2) and a front end of the nozzle insert is substantially flush with a front end of the nozzle body (2) at the opening (3) thereof.In a second position the nozzle insert (10) is advanced in theaxial direction relative to the nozzle body (2) and protrudes in the mounted position into the vessel. Aplurality of apertures (12) is exposed in the second positionto allow distribution of a cleaning fluid.The nozzle insert (10) comprises at least two nozzle insert parts(15 25) and thenozzle insert parts(15 25)are in mutual abutment in the first position and spaced from each other in a direction transverse to theaxial direction in the second position to form at least one gap (20) between adjacent nozzle insert parts said apertures (12) being exposed in said gap(20).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013

(21) Application No.6577/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NOVEL ILLUMINATION DEVICES

(51) International classification :C09K11/06,H05B33/10
(31) Priority Document No :11155901.9
(32) Priority Date :24/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/053102
Filing Date :23/02/2012
(87) International Publication No :WO 2012/113884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)K–NEMANN Martin
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4)IVANOVICI Sorin
5)PEPERS Michel
6)MLLER Matthias
7)SEND Robert

(57) Abstract :
Illumination device comprising at least one LED and at least one colour converter comprising at least one organic fluorescent colorant in a matrix consisting essentially of polystyrene or polycarbonate wherein LED and colour converter are present in a remote phosphor arrangement.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013

(21) Application No.6578/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RUBBER COMPOSITION PRODUCTION METHOD THEREFOR AND TIRE

(51) International classification :C08L15/00,B60C1/00,C08J3/20
(31) Priority Document No :2011032112
(32) Priority Date :17/02/2011
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2012/053507
Filing Date :15/02/2012
(87) International Publication No :WO 2012/111697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OKADA Koji

(57) Abstract :
The purpose of this invention is to provide a rubber composition with which a rubber elastic body having low rolling resistance and excellent impact resilience can be obtained and a production method therefor. Furthermore a tire having low rolling resistance and excellent impact resilience is also disclosed. The rubber composition according to the present invention is obtained by kneading a conjugated diene based polymer (A) having a group with silica binding reactivity at only one site of a single molecule a polymer (B) having a group with silica binding reactivity at several sites of a single molecule and a silica containing filler (C).

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.752/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RESIN COMPOSITION

(51) International classification :C08L101/00,C01F5/00,C08K3/12
(31) Priority Document No :2012086011
(32) Priority Date :05/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/060997
Filing Date :05/04/2013
(87) International Publication No :WO 2013/151188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MANABE Hitoshi
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4)MIYATA Shigeo

(57) Abstract :
The purpose of the present invention is to provide a resin composition in which the disadvantage of needle like basic magnesium sulfate contained therein is overcome and which has a good balance among mechanical strength moldability/productivity and appearance of a molded product of the resin composition. The present invention is a resin composition comprising (i) 100 parts by weight of a resin (component (A)) (ii) plate like magnesium hydroxide having a crystal thickness (y) of 0.2 μm or less and an aspect ratio of 20 to 100 (component (B)) and (iii) needle like basic magnesium sulfate (component (C)) wherein the total content of the components (B) and (C) is 1 to 100 parts by weight relative to 100 parts by weight of the resin and the ratio of the weight of the component (B) to the weight of the component (C) (i.e. (component (B)):(component (C))) is (0.1 to 0.9):(0.9 to 0.1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014

(21) Application No.769/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONTROL DEVICE EMPLOYED IN A SWITCHED ELECTRICAL POWER SUPPLY SYSTEM

(51) International classification :H02J7/00
(31) Priority Document No :13 51622
(32) Priority Date :25/02/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BARAUNA, ALLAN PIERRE
2)BOULHARTS, HOCINE

(57) Abstract :
The invention relates to a control device (1) employed in a switched electrical power supply system to control a DC/DC converter of said switched electrical power supply system, said control device comprising a first input terminal (A) and a second input terminal (B), a first transistor (T1) connected via its source to the second input terminal (B) and a second transistor (T2) furnished with a gate (G) and connected via its drain (D) to the first input terminal (A), and via its source (S) to the first transistor (T1), the control device comprising a control assembly connected to the gate (G) of the second transistor (T2) and to the second input terminal (B) and comprising a capacitor (Ca) and a first Zener diode (Dz1) connected in series to said capacitor (Ca) and a second Zener diode (Dz2) connected between the gate (G) and the source (S) of the second transistor (T2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.769/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FILLED ELASTOMER COMPRISING POLYURETHANE

(51) International classification :C08G18/10,C08G18/69,B29D30/04
(31) Priority Document No :PCT/CN2011/076872
(32) Priority Date :05/07/2011
(33) Name of priority country :China
(86) International Application No :PCT/EP2012/062961
Filing Date :04/07/2012
(87) International Publication No :WO 2013/004714
(61) Patent of Addition 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)TONG Zhen
5)CHEN Zhaohui

(57) Abstract :
The present invention relates to a method for producing a filled elastomer wherein a rubber composition is produced by mixing I) raw rubber II) cross linking agent III) filler IV) isocyanate terminated polymer composition and optionally V) further additives and cross linking of the rubber composition. The present invention further relates to a filled elastomer obtainable according to said method and the use of filled elastomers according to the invention as shoe sole.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2013

(21) Application No.6829/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEFOAMING AGENT COMPOSITION FOR LUBRICATING OIL AND METHOD OF DEFOAMING USING THIS

(51) International classification :C10M169/02,C10N30/18,C10N50/10
(31) Priority Document No :2011045148
(32) Priority Date :02/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/EP2012/053655
Filing Date :02/03/2012
(87) International Publication No :WO 2012/117098
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KAMATA Kumiko
2)TAZAKI Hiroyuki

(57) Abstract :
The present invention provides a defoaming agent composition in gel form of number 1 NLGI grade or harder for application to the inside wall of a container being a composition for defoaming bubbles generated from lubricating oil present within a container. The present invention further provides a method of defoaming lubricating oil characterised in that it includes a step of applying a defoaming agent composition in gel form of number 1 NLGI grade or harder to the inside wall of a container for lubricating oil and characterised in that this step is a step in which said defoaming agent composition is applied to the inside wall face at or above the oil surface of the lubricating oil or higher than this.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.683/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : STRUCTURE FOR FRONT PORTION OF VEHICLE

(51) International classification :B62D25/08
(31) Priority Document No :2011148067
(32) Priority Date :04/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/066762
Filing Date :29/06/2012
(87) International Publication No :WO 2013/005685
(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)KIHARA Makoto

(57) Abstract :
A structure (1) for the front portion of a vehicle is provided with a windshield lower member (20). The windshield lower member (20) includes the body (21) of the windshield lower member and an extended section (22) which is formed so as to extend forward from the front end (21a) of the body (21) of the windshield lower member. The extended section (22) has a base (23) which is formed so as to continue to the front end (21a) of the body (21) of the windshield lower member a weight section (24) which is extended upward and obliquely forward from the front end (23d) of the base (23) and a weak section (25) which is extended in the direction of the width of the vehicle at the boundary between the base (23) and the weight section (24) and which has lower rigidity than the base (23).

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/02/2014

(21) Application No.708/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRONIC DEVICE PROVIDED WITH AUTOMATIC LEAK DETECTION MEANS

(51) International classification :G01M3/00
(31) Priority Document No :13156179.7
(32) Priority Date :21/02/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GERMIQUET, CHRISTOPHE

(57) Abstract :
The electronic device (1) is provided with an automatic leak detection means, notably for a gas leak, in the case (2) of the device. The automatic leak detection means includes an internal pressure sensor (3), an external pressure sensor (4) and a calculation unit (5) connected to the internal pressure sensor and to the external pressure sensor. The calculation unit, which is a microcontroller, and the internal pressure sensor are arranged inside the case, whereas the external pressure sensor is arranged on an external surface of the case. The microcontroller (5) checks, based on measurements performed by the pressure sensors over time, whether the pressure variation inside the case is different from the pressure variation outside the case to determine whether or not the case has a sufficient degree of sealing.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.777/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PLANT FOR DESALINATING WATER OF A WATER SUPPLY SYSTEM AND METHOD FOR DESALINATING WATER OF A WATER SUPPLY SYSTEM BY MEANS OF SAID PLANT

(51) International classification :C02F1/00,C02F1/44,C02F1/469
(31) Priority Document No :PD2011A000239
(32) Priority Date :13/07/2011
(33) Name of priority country :Italy
(86) International Application No:PCT/IB2012/001355
Filing Date :06/07/2012
(87) International Publication No :WO 2013/008080
(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 :
Plant for desalinating water of a water supply system which comprises one or more tanks for accumulating water (2) in an immiscible manner in order to store a softened supply thereof provided with a first inlet connection (3) and with a first outlet connection (4) respectively connected to a feeding pipe (5) connected to the water supply system (50) and to an extraction pipe (6) for supplying users. The plant (1) also comprises a filtering unit (10) for water softening for example obtained with a flow through condenser (10) or with a reverse osmosis membrane filter (10) connected in parallel to the tank (2) with second inlet connection (1 1) and second outlet connection (12) respectively hydraulically connected to the first inlet connection (3) and to the first outlet connection (4) of the tank (2). Circulating means (13) are provided which can be activated to force at least one water flow to be treated to pass through the filtering unit (10) producing a filtered water flow which is progressively stored in the tank (2) according to a filling direction (VI) thereof. Operatively the feeding pipe (5) of the water supply system (50) forces when the user requests water a water flow intended for use to flow through the tank (2) causing the at least partial evacuation of the filtered water volume that was stored therein in an immiscible manner in an evacuation direction (V2) opposite the filling direction (VI) with which the filtered water flow had been previously stored in the tank 2.

No. of Pages : 31 No. of Claims : 14

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

(21) Application No.5127/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROBOT

(51) International classification :B25J
(31) Priority Document No :2012-253261
(32) Priority Date :19/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KAZUYOSHI NOGAMI
2)NOBUKAZU MIYAUCHI

(57) Abstract :
A robot (100) includes a shoulder portion (121L, 121R), an arm A portion (122L, 122R), an arm B portion (123L, 123R), a lower arm portion (124L, 124R), a wrist A portion (131L, 131R), a wrist B portion (132L, 132R), a flange portion (133L, 133R), a reduction device (G2, G3, G4, G5, G6, G7), a motor (M2, M3, M4, M5, M6, M7), and an outer shell of the motor (M2, M3, M4, M5, M6, M7). The reduction device connects the adjacent shoulder portion, arm A portion, arm B portion, lower arm portion, wrist A portion, wrist B portion, and flange portion to each other so that they are movable with respect to each other. The motor generates a driving force to the reduction device. The outer shell of the motor is connected to the shoulder portion, arm A portion, arm B portion, lower arm portion, wrist A portion, wrist B portion, and flange portion, capable of transmitting stress to the shoulder portion, arm A portion, arm B portion, lower arm portion, wrist A portion, wrist B portion, and flange portion. The motor is connected to the shoulder portion, arm A portion, arm B portion, lower arm portion, wrist A portion, wrist B portion, and flange portion or the reduction device, capable of transmitting stress to the shoulder portion, arm A portion, arm B portion, lower arm portion, wrist A portion, wrist B portion, and flange portion or the reduction device.

No. of Pages : 73 No. of Claims : 4

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

(21) Application No.5128/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROBOT

(51) International classification :B25J
(31) Priority Document No :2012-253263
(32) Priority Date :19/11/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KAZUYOSHI NOGAMI
2)NOBUKAZU MIYAUCHI

(57) Abstract :
A robot (100) includes a base (101), an arm portion (120L, 120R), and a wrist portion (130L, 130R). The arm portion includes a multi-joint structure composed of a shoulder portion (121L, 121R), an upper arm A portion (122L, 122R), an upper arm B portion (123L, 123R), a lower arm portion (124L, 124R), a wrist A portion (131L, 131R), a wrist B portion (132L, 132R), and a flange portion (133L, 133R). The arm portion includes a motor (M2, M4), a brake device (B2, B4), and a reduction device (G2, G4). The motor comprises a motor shaft (52a, 54a) and configured to generate a rotation driving force for driving specific ones of the upper arm A portion and the lower arm portion. The brake device comprises a brake shaft (52b, 54b) arranged in parallel with the motor shaft. The reduction device comprises an input shaft (52c, 54c) and configured to reduce a speed of rotation of the motor shaft input through the input shaft and to transmit the rotation to the upper arm A portion and the lower arm portion. The robot further includes a first transmission mechanism (6a, 6b, 7a, 14a, 14b, 15a) and a second transmission mechanism (6b, 6c, 7b, 14c, 14d, 15b). The first transmission mechanism includes a pulley (6b, 14b) provided on the brake shaft, a pulley (6a, 14a) provided on the motor shaft, and a belt (7a, 15a) wound between the pulley (6b, 14b) and the pulley (6a, 14a). The second transmission mechanism includes a pulley (6b, 14c) provided on the brake shaft, a pulley (6c, 14d) provided on the input shaft of the reduction device, and a belt (7b, 15b) wound between the pulley (6b, 14c) and the pulley (6c, 14d).

No. of Pages : 73 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.778/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONDUCTIVE COMPOSITE WICK AND METHOD OF MAKING AND USING THE SAME

(51) International classification :A61L9/03,A01M1/20
(31) Priority Document No :61/523439
(32) Priority Date :15/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050530
Filing Date :13/08/2012
(87) International Publication No :WO 2013/025585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MIDGETTE William Graham
2)MAO Guoqiang
3)MARTIN Timothy
4)KIM Edward Jino
5)LYNCH Christopher

(57) Abstract :
This invention relates to a conductive composite wick comprising a porous wicking element coupled a conductive element for releasing vaporizable materials from devices such as an air freshener device or insect control system.

No. of Pages : 70 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7295/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : N-(1,2,5-OXADIAZOL-3-YL), N-(TETRAZOL-5-YL),- AND N-(TRIAZOL-5-YL)BICYCLOARYLCARBOXAMIDES AND THEIR USE AS HERBICIDES

(51) International classification :C07D409/12,C07D409/14,C07D411/12
(31) Priority Document No :11158258.1
(32) Priority Date :15/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054269
Filing Date :12/03/2012
(87) International Publication No :WO 2012/123409
(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)D–RNER RIEPING Simon
5)BRAUN Ralf
6)H„USER HAHN Isolde
7)ROSINGER Christopher Hugh
8)HEINEMANN Ines
9)GATZWEILER Elmar

(57) Abstract :
N (1 2 5 oxadiazol 3 yl) N (tetrazol 5 yl) and N (triazol 5 yl)bicycloarylcarboxamides. N (1 2 5 oxadiazol 3 yl) N (tetrazol 5 yl) and N (triazol 5 yl)bicycloarylcarboxamides of the general formula (I) are described as herbicides. In this formula (I) R R and R are radicals such as hydrogen organic radicals such as alkyl and other radicals such as halogen. Q is a heterocycle. X and Y are oxygen and sulphur.

No. of Pages : 167 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.743/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VAPORISER

(51) International classification :F23L
(31) Priority Document No :10 2013 101 703.7
(32) Priority Date :21/02/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WULFF, NICOLAUS
3)RUTHMANN, ANDREAS
4)INCLAN, TOBIAS

(57) Abstract :
The invention relates to a vaporiser comprising a housing (1), a housing cap (2), which covers an end of the housing (1) and has a vapour discharge opening (3), and a heating element (4), which sits in the housing (1) and protrudes into the housing cap (2), wherein an annular gap is provided between the heating element (4) and the housing (1) and also between the heating element (4) and the housing cap (2) and connects an inlet opening in the housing (1) to the vapour discharge opening (3). In accordance with the invention, the annular gap has a starting portion (A), a middle portion (B) and an end portion (C), wherein the starting portion (A) and the middle portion (B) are arranged in the housing (1) and the end portion is arranged in the housing cap (2), and wherein the annular gap is wider in the middle portion (B) than in the starting portion (A).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.784/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MULTI LAYER WIRING BOARD AND METHOD FOR PRODUCING MULTI LAYER WIRING BOARD

(51) International classification :H05K3/46,H05K1/02
(31) Priority Document No :2011150266
(32) Priority Date :06/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053183
Filing Date :10/02/2012
(87) International Publication No :WO 2013/005451
(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)OZAKI Kiminori
4)SHIMADU Hitoshi
5)FURUTA Tetsuya
6)MIYAKE Masao
7)HAYAKAWA Takahiro
8)ASAI Tomoaki
9)YAMAUCHI Ryou

(57) Abstract :
This multi layer wiring board (20) is provided with an insulating substrate (40) an inner layer copper sheet (50 60) and an outer layer copper foil (70 80). The inner layer copper sheet (50 60) is disposed within the insulating substrate (40) and has been patterned. The outer layer copper foil (70 80) is disposed in a state of having been patterned at the surface of the insulating substrate (40) is thinner than the inner layer copper sheet (50 60) and has a cross sectional area of the current path that is smaller than the cross sectional area of the current path of the inner layer copper sheet (50 60). As a result provided are: a multi layer wiring board that can flow a large current and a smaller current while suppressing an increase in the projected area of the substrate; and a method for producing the multi layer wiring board.

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2013

(21) Application No.7840/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DYNAMICALLY CONTROLLING POWER TO MULTIPLE CORES IN A MULTICORE PROCESSOR OF A PORTABLE COMPUTING DEVICE

(51) International classification :G06F9/50,G06F11/34
(31) Priority Document No :13/080454
(32) Priority Date :05/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031996
Filing Date :03/04/2012
(87) International Publication No :WO 2012/138655
(61) Patent of Addition 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)RYCHLIK Bohuslav

(57) Abstract :
A method and system for dynamically determining the degree of workload parallelism and to automatically adjust the number of cores (and/or processors) supporting a workload in a portable computing device are described. The method and system includes a parallelism monitor module that monitors the activity of an operating system scheduler and one or more work queues of a multicore processor and/or a plurality of central processing units (CPUs). The parallelism monitor may calculate a percentage of parallel work based on a current mode of operation of the multicore processor or a plurality of processors. This percentage of parallel work is then passed to a multiprocessor decision algorithm module. The multiprocessor decision algorithm module determines if the current mode of operation for the multicore processor (or plurality of processors) should be changed based on the calculated percentage of parallel work.

No. of Pages : 43 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013

(21) Application No.6538/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPARING AND PROVISIONING CONFIGURATIONS FOR A CLIENT HAVING A WINDOWS BASED EMBEDDED IMAGE

(51) International classification :G06F15/177
(31) Priority Document No :61/436880
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021598
Filing Date :17/01/2012
(87) International Publication No :WO 2012/102912
(61) Patent of Addition 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)PRABHALA Mohan

(57) Abstract :
Examples of methods and apparatus are provided for comparing and provisioning configurations for a local client having a windows based embedded image. The apparatus may include a retrieval module of the local client configured to facilitate locating a remote repository server containing a new configuration file to facilitate obtaining the new configuration file from the remote repository server and to facilitate obtaining a previous configuration file associated with a previous configuration change successfully applied to the embedded image. The apparatus may include a configuration comparison module of the local client configured to compare the new configuration file with the previous configuration file. The apparatus may include an apply settings module of the local client configured to apply to the embedded image one of a new configuration change and the previous configuration change based on the comparison. The new configuration change may be based on the new configuration file.

No. of Pages : 190 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7110/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MODULAR MOBILE CONNECTED PICO PROJECTORS FOR A LOCAL MULTI USER COLLABORATION

(51) International classification :G06T19/00
(31) Priority Document No :61/468937
(32) Priority Date :29/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031300
Filing Date :29/03/2012
(87) International Publication No :WO 2012/135545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EVERITT Andrew J.
3)MABBUTT Paul
4)BERRY David T.

(57) Abstract :
The various embodiments include systems and methods for rendering images in a virtual or augmented reality system that may include capturing scene images of a scene in a vicinity of a first and a second projector capturing spatial data with a sensor array in the vicinity of the first and second projectors analyzing captured scene images to recognize body parts and projecting images from each of the first and the second projectors with a shape and orientation determined based on the recognized body parts. Additional rendering operations may include tracking movements of the recognized body parts applying a detection algorithm to the tracked movements to detect a predetermined gesture applying a command corresponding to the detected predetermined gesture and updating the projected images in response to the applied command.

No. of Pages : 199 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/02/2013

(21) Application No.725/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF (R)-3-AMINO-1-BUTANOL

(51) International classification :C07K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)KAKI GOWRISANKAR RAO
4)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :
The present invention provides a process for the preparation of (Z)-3-amino-l-butanol (I). The present invention also provides (i)-3-amino-l-butanol (D)-tartarate (lib) salt. The present invention provides a process for the preparation of Dolutegravir using compounds of formulae (I) or (lib) or both.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2013

(21) Application No.738/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPLETE LED LIGHT ASSEMBLY INTEGRATED WITH HEAT SINK

(51) International classification :F21V
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)T. JAYARAMAN

(57) Abstract :
A LED arrangement with new design features that facilitates operational efficiency in heat removal through conduction, convection and radiation, simplified mass production and operational efficiency in light extraction with integral optical reflector.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/02/2013

(21) Application No.788/CHE/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HYDRO BUOYANCY WEIGHT POWER GENERATION

(51) International classification :F23B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)A.S. MAHADEVAN

(57) Abstract :
Weight Assembly is launched from launching chamber which is located at the lower part of the water tank. Weight assembly motes upwards due to buoyancy force. Once the weight assembly reached top level of water tank it is lifted from the water by Pulling Unit and arrived at the falling tower. Pulling unit also acts as connecting bridge between falling tower and water tank . Weight is dropped from the falling tower by pulling unit through iron rope which connected with main rotor shaft of generator. Now the weight assembly falls down due to gravity. Falling weight makes Kinetic Energy which is transferred to operate main generator. Once the weight fallen from the top it has also high impact force. Here big water bag is used to convert impact force to Kinetic Energy High impact force weight pushes the water bag water is compressed and flow in a tank where the second additional generator is operated water returns downwards to water bag. The weight assembly falls down and finally compress the pistons of water exhausting unit which has water from launching chamber when water comes downwards to exhausting unit it has high force due to gravity this force is also utilized to operate the third additional generator. Finally after pushing the water exhausting unit weight assembly once again comes to launching chamber through inclined rails and enters through vertical gate now the vertical gate is closed and upper horizontal gate is opened water fills in all sides of launching chamber. Now the weight assembly once again moves upwards due to buoyancy force. All the above process are continued again and again thus 3 generators generate electricity .

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.629/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LIGHT COLLECTOR AND LIGHT COLLECTING APPARATUS PROVIDED WITH SAME

(51) International classification :F24J2/12,F24J2/38,G02B5/10
(31) Priority Document No :2011163462
(32) Priority Date :26/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062499
Filing Date :16/05/2012
(87) International Publication No :WO 2013/014998
(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 are a light collector having a reduced weight and a light collecting apparatus that is provided with the light collector. A trough type light collector (4) of the present invention has a reflecting section (3) that collects light to a linearly extending receiver (2). The light collector is provided with: a resin base material (9) having the reflecting section (3) disposed thereon; a metal torque tube (10) which is provided on the base material (9) side that is the reverse side of the reflecting section (3) and extends along the receiver (2); and a metal rib (11) which extends along the base material (9) in the direction intersecting the torque tube (10) and is fixed to the base material (9) and the torque tube (10). The base material (9) is provided with a polygonal lattice like reinforcing rib surface (A) on the reverse side of the reflecting section (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2013

(21) Application No.6618/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ENCODING AND DECODING USING ELASTIC CODES WITH FLEXIBLE SOURCE BLOCK MAPPING

(51) International classification :H03M13/37
(31) Priority Document No :13/025900
(32) Priority Date :11/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024755
Filing Date :10/02/2012
(87) International Publication No :WO 2012/109614
(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)SHOKROLLAHI Mohammad Amin
4)WATSON Mark
5)VICISANO Lorenzo

(57) Abstract :
Data can be encoded by assigning source symbols to base blocks assigning base blocks to source blocks and encoding each source block into encoding symbols where at least one pair of source blocks is such they have at least one base block in common with both source blocks of the pair and at least one base block not in common with the other source block of the pair. The encoding of a source block can be independent of content of other source blocks. Decoding to recover all of a desired set of the original source symbols can be done from a set of encoding symbols from a plurality of source blocks wherein the amount of encoding symbols from the first source block is less than the amount of source data in the first source block and likewise for the second source block.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2013

(21) Application No.7470/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MALODOUR COUNTERACTING COMPOSITIONS

(51) International classification :A61L9/01,A61K8/00,C11B9/00
(31) Priority Document No :1104766.9
(32) Priority Date :22/03/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/055073
Filing Date :22/03/2012
(87) International Publication No :WO 2012/126981
(61) Patent of Addition 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 malodour counteracting composition comprising (i) a salt of general formula (I) RRRRN X wherein R R R R are independently selected from C alkyl or R R R Rmay together constitute a nitrogen containing cyclic system in which the nitrogen is part of a pyridinium or an iraidazolinium ring; and X is a counterion characterised by its protonated form having an acidity constant (pKa) lying between 1 and 6; and (ii) an alpha beta unsaturated carbonyl compound of the general formula RRC=CRC(=O)YR (II) wherein R R R and R are independently selected from hydrogen and C hydrocarbyl residues which may be saturated unsaturated aromatic cyclic branched or unbranched and are optionally substituted or R R R and R may together constitute a cyclic system and Y is oxygen or a single covalent bond with the proviso that Y is a covalent bond when R is hydrogen. The composition may be incorporated into consumer products and is able to remove malodours from the air or from surfaces.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.813/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRICAL DEVICE

(51) International classification :H02J7/00
(31) Priority Document No :2011168965
(32) Priority Date :02/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/069661
Filing Date :02/08/2012
(87) International Publication No :WO 2013/018852
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OHASHI Tsuyoshi
3)TAKAHASHI Tsukasa

(57) Abstract :
Provided is an electrical device capable of minimizing power consumption until a user first uses the electrical device when the electrical device is shipped with a secondary battery therein. An electrical device (1) includes a secondary battery (11) a load (60) which operates with the power supplied from the secondary battery (11) and a switching element (21) arranged between the secondary battery (11) and the load (60). The switching element (21) is shut off until a user starts to use the electrical device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.728/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PREPARING A FATTY ACID DERIVATIVE

(51) International classification :C07D309/12
(31) Priority Document No :61/503742
(32) Priority Date :01/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/067253
Filing Date :29/06/2012
(87) International Publication No :WO 2013/005817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Disclosed is a method for manufacturing a fatty acid derivative represented by formula (I): which comprises the step of reacting a compound of formula (II): with a co oxidizer under the presence of an azaadamantane N oxyl derivative. According to the method the desired fatty acid derivative can be synthesized without special equipment by using an easy available inexpensive co oxidizer and generation of the undesired by product is suppressed.

No. of Pages : 36 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.766/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ONCE THROUGH FAN

(51) International classification :F04D17/04,F04D29/66
(31) Priority Document No :2011168102
(32) Priority Date :01/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004867
Filing Date :31/07/2012
(87) International Publication No :WO 2013/018359
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KIDA Takumi
2)SUGIO Takashi

(57) Abstract :
Provided is a once through fan in which a plurality of impellers comprising a plurality of blades disposed in a cylindrical shape are provided connected in the axial direction. The impellers comprise a circular or disk shaped reinforcement plate having an outer diameter smaller than the diameter of the inner end part of the plurality of blades disposed in a cylindrical shape and a plurality of projections formed so as to project inward in the radial direction of the cylindrical shape from a portion of the inner end part of each of the blades. The blades the projections and the reinforcement plate are formed integrally so that the reinforcement plate connects via the respective projections to the inner end parts of each of the blades.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.800/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM FOR MEASURING ELECTRICAL POWER TRANSFORMATION UNIT COMPRISING SUCH A SYSTEM AND METHOD FOR MEASURING ELECTRICAL POWER USING SUCH A SYSTEM

(51) International classification :G01R21/133,G01R22/06
(31) Priority Document No :1157170
(32) Priority Date :04/08/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/065160
Filing Date :02/08/2012
(87) International Publication No :WO 2013/017663
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)COUTELOU Olivier
2)HOUBRE Pascal
3)VINCENT Fran§ois

(57) Abstract :
This system (20) is designed to measure the electrical power of a current flowing in at least one secondary conductor (42A 44A 46A ... 42N 44N 46N) connected to a primary conductor (34 36 38) the primary conductor (34 36 38) and secondary conductor (42A ... 46N) having the same voltage. This measurement system (20) comprises a primary module (60) comprising a radioelectric emitter (70) and a unit (66) for measuring the voltage across the primary conductor (34 36 38) at least one secondary module (62A ... 62N) comprising a radioelectric receiver (80A ... 80N) a sensor (76A ... 76N) of the current density in the secondary conductor (42A ... 46N) and a unit (126A ... 126N) for calculating the electrical power of said current in the secondary conductor. The primary module (60) comprises first means (104) of compressing the value of the measured voltage (V1 V2 V3) and means (106) for transmitting to each secondary module (62A ... 62N) a message (M1) containing the compressed value of the measured voltage. The measurement system (20) comprises means (106 120A 120N 122A ... 122N) for temporally synchronizing each current density sensor (76A ... 76N) relative to the unit (66) for measuring the voltage. The calculating unit (126A ... 126N) is connected to the radioelectric receiver (80A ... 80N) and is able to calculate the electrical power from the value of the voltage received from the primary module (60) and the measured current density value.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8173/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTRONIC DEVICE INCLUDING CALIBRATION INFORMATION AND METHOD OF USING THE SAME

(51) International classification :G01N27/22,G01N33/00
(31) Priority Document No :61/475014
(32) Priority Date :13/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030928
Filing Date :28/03/2012
(87) International Publication No :WO 2012/141894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)KANG Myungchan
2)PALAZZOTTO Michael C.
3)GRYSKA Stefan H.

(57) Abstract :
Methods of generating a reference correlation for use with an absorptive capacitance vapor sensor and calibration of the absorptive capacitance vapor sensor. An electronic article including the reference correlation and methods of using the same are also disclosed.

No. of Pages : 49 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2013

(21) Application No.7681/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DISPLAYING CONTENT ON A DISPLAY OF A CLIENT

(51) International classification :G06F9/44,G06F3/048
(31) Priority Document No :61/445881
(32) Priority Date :23/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/072828
Filing Date :14/12/2011
(87) International Publication No :WO 2012/113476
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AKBAR Hisham Abdul Rahim
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3)ABDULLAH Dawoud G. H.
4)CIOBANU Vlad

(57) Abstract :
The present disclosure is directed at methods systems and techniques for providing a benefit in response to being allowed to display content. For example there is provided a method for displaying content on a display of a client. The method includes displaying on a portion of the display a desktop; displaying the content on another portion of the display unoccupied by the desktop; and providing a benefit in exchange for displaying the content.

No. of Pages : 48 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2013

(21) Application No.7859/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING LITHOGRAPHIC PRINTING PLATE

(51) International classification :G03F7/035,G03F7/00,G03F7/004
(31) Priority Document No :2011070867
(32) Priority Date :28/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057885
Filing Date :27/03/2012
(87) International Publication No :WO 2012/133382
(61) Patent of Addition 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)SONOKAWA Koji

(57) Abstract :
A process for making a lithographic printing plate is provided that includes a step of producing a negative-working lithographic printing plate precursor comprising, above a support, a photopolymerizable photosensitive layer comprising a vinylcarbazole compound-derived monomer unit-containing acrylic polymer and/or a urethane-acrylic hybrid polymer, a step of imagewise exposing the negative-working lithographic printing plate precursor, and a step of developing the exposed negative-working lithographic printing plate precursor using a developer comprising (Component A) an organic solvent having a solubility in water at 20°C of 1.5 to 7.0 g/100 mL, (Component B) an amphoteric surfactant represented by Formula (I) below and/or Formula (II) below, and (ComDonent C) water.

No. of Pages : 116 No. of Claims : 19

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

(21) Application No.805/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PIN PULLER FOR CRANE CONNECTIONS

(51) International classification :B66C23/00
(31) Priority Document No :61/767,529
(32) Priority Date :21/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BRONSON E. FOUST
2)KENNETH J. PORUBCANSKY

(57) Abstract :
A pin puller is mounted between first and second connectors, preferably connectors on a lift crane, each of the connectors having a hole there though. The pin puller includes: a) first and second support frame members; b) a first pin with a first end located in the hole of the first connector and a second end inside the first support frame member; c) a second pin with a first end located in the hole of the second connector and a second end inside the second support frame member; d) at least one linear actuator connected to the first and second pins; and e) a length adjustment device between the first and second support frame members, with its length adjusted so as to force the first support frame member into contact with the first connector and the second support frame member into contact with the second connector.

No. of Pages : 58 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.805/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR MANUFACTURING A CONFECTIONERY SHELL

(51) International classification :A23G1/00,A23G3/00,A23G1/54
(31) Priority Document No :11172832.5
(32) Priority Date :06/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/US2012/045360
Filing Date :03/07/2012
(87) International Publication No :WO 2013/006599
(61) Patent of Addition 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)GUSTAV Thorsten
2)CASTRILLON Paula Mora

(57) Abstract :
A method of manufacturing confectionery shells using cold stamping is provided. The method can also be used to manufacture multi layered confectionery shells and/or confectionery shells comprising inclusions. Scraping means are passed outwardly over the boundary of the mould cavity in two or more different outward directions.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.822/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TRANSFORMERLESS MULTILEVEL CONVERTER

(51) International classification :H02M1/12,H02M7/483
(31) Priority Document No :11176607.7
(32) Priority Date :04/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/062828
Filing Date :02/07/2012
(87) International Publication No :WO 2013/017353
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STEIMER Peter

(57) Abstract :
A medium voltage system 40 comprises a multilevel converter 42 connected to a grid connection 46 wherein the multilevel converter 42 is adapted for converting a first multiphase current provided at the grid connection 46 into a second current and a common mode filter 30 which for each phase 44 of the first current comprises a phase filter 54 connected to the respective phase 44. Each phase filter 54 is connected to a common filter star point 32 which is connected to ground 18. Each phase filter 54 comprises a capacity C.

No. of Pages : 37 No. of Claims : 11

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

(21) Application No.6244/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FACILITATING TRANSPORT MODE INPUT/OUTPUT OPERATIONS BETWEEN A CHANNEL SUBSYSTEM AND INPUT/OUTPUT DEVICES

(51) International classification :G06F13/42
(31) Priority Document No :13/173772
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/056534
Filing Date :11/04/2012
(87) International Publication No :WO 2013/000596
(61) Patent of Addition 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)FLANAGAN John
3)RICCI Louis William
4)CARLSON Scott
5)KALOS Matthew Joseph
6)YUDENFRIEND Harry
7)RIEDY Dale
8)CASPER Daniel Francis

(57) Abstract :
A computer program product is provided for performing: sending by a channel subsystem a process login (PRLI) request message to the control unit that indicates whether the channel subsystem supports bi directional data transfer; receiving a PRLI response message from the control unit that indicates whether the control unit supports bi directional data transfer; gathering a plurality of commands at least one which specifies an input data transfer and at least one specifying an output data transfer; sending at least one output data message to the control unit including output data to be transferred to the control unit the output data message associated with the at least one of the plurality of commands specifying an output data transfer; and receiving at least one input message from the control unit including input data to be stored in a main storage of the host computer system.

No. of Pages : 75 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.698/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ALUMINUM ALLOY COATED PIGMENTS AND CORROSION RESISTANT COATINGS

(51) International classification :C09D5/10
(31) Priority Document No :13/192158
(32) Priority Date :27/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040371
Filing Date :01/06/2012
(87) International Publication No :WO 2013/015880
(61) Patent of Addition 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)MATZDORF Craig A.
2)NICKERSON William

(57) Abstract :
This Invention relates to galvanic aluminum alloy powder figments coated with a semi conducting corrosion inhibiting oxide ad the process for preparing said coated powder pigments in combination with film forming binders for coating metal substrates to inhibit corrosion. The coated aluminium alloy powder pigments are electrically active aid prevent corrosion of metals which are more catholic (electropositive) than the aluminium alloy pigments;

No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.724/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVICE FOR LATERALLY SEALING A CASTING INSTALLATION

(51) International classification :B22D11/06
(31) Priority Document No :102011078654.6
(32) Priority Date :05/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/062226
Filing Date :25/06/2012
(87) International Publication No :WO 2013/004535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HECKEN Hans J¼rgen
2)PRLING Reiner
3)HARTUNG Matthias

(57) Abstract :
The present invention relates to a device for laterally sealing a strand or strip casting installation which comprises at least one chain (1) with at least two successive metal blocks (3) that form links of the chain (1) and are for the lateral sealing of the casting installation. Furthermore the device comprises at least one connecting part (5) for connecting two successive metal blocks (3) and a channel (7) which runs both through the at least two metal blocks (3) and through the at least one connecting part (5) and can be filled with a coolant. According to the invention the connecting part (5) is formed substantially from metal and the device further comprises ball joints for connecting the at least two metal blocks (3) to the connecting part (5) connecting them.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2013

(21) Application No.771/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : USE OF BETA ISOPHORONE AS SOLVENT

(51) International classification :A01N25/02,C09D5/14,C07C49/603
(31) Priority Document No :10 2010 030 995.8
(32) Priority Date :06/07/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/059325
Filing Date :07/06/2011
(87) International Publication No :WO 2012/004073
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HELLKUHL Lars
3)GRAMMENOS Marina
4)HENSCHKE Andrea

(57) Abstract :
The invention relates to the use of isophorone as solvent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.824/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SHUTTLECOCK

(51) International classification :A63B67/18
(31) Priority Document No :1111544.1
(32) Priority Date :06/07/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051583
Filing Date :06/07/2012
(87) International Publication No :WO 2013/005044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WOOD Steven George
3)HAMILTON Nick

(57) Abstract :
A shuttlecock and in particular an outdoor shuttlecock having a domed head (100) and a shaft (101) separating the head from an annular skirt (102). The skirt is connected to the shaft via radial spokes (111) that extend between the skirt and one end of the shaft. A leading edge (112) of the skirt positioned closest to the head is separated from the head along a longitudinal axis of the shuttlecock by a distance along the length of the shaft. The radial spokes are curved along their length to provide riffling during flight and to twist to absorb an impact force when hit with a badminton racquet.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.750/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BEARING DEVICE WITH IC TAG ATTACHED

(51) International classification :G06K19/07,F16C19/00,F16C33/58
(31) Priority Document No :2011146992
(32) Priority Date :01/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065860
Filing Date :21/06/2012
(87) International Publication No :WO 2013/005574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ITO Takashi
2)YAMAMOTO Naota
3)YAMAKAWA Tsukasa
4)KOMATSU Hirohide
5)SAWA Tsutomu

(57) Abstract :
Provided is a bearing device with an IC tag attached with which it is possible to reliably communicate information between the IC tag and an external reader writer. In a bearing device with an IC tag attached wherein a non contact communication IC tag (20) is attached to a metallic body (M) which is provided upon a rolling bearing (10) in which a rotary body (3) is interposed between an outer race (1) and an inner race (2) the IC tag (20) is capable of communicating information from the exterior by forming a magnetic closed circuit between a tag side antenna (24) which is provided upon the IC tag (20) and a reader writer side antenna which is provided upon an external reader writer. The IC tag (20) is housed in a hole (11) which opens on the surface of the metallic body (M). The tag side antenna (24) further comprises at least two protrusion parts (22a 22c) each of said protrusion parts (22a 22c) facing the aperture side of the hole (11). With magnetic fluxes which extend from each of the protrusion parts (22a 22c) passing through the interior side away from the edge of the aperture of the hole (11) to the exterior of the hole (11) it is possible to form the magnetic closed circuit whereby communication of information between the IC tag (20) and the reader writer device is possible.

No. of Pages : 51 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2013

(21) Application No.7500/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MODULAR INTERIOR PARTITION FOR A STRUCTURAL FRAME BUILDING

(51) International classification :E04B2/74
(31) Priority Document No :61/452605
(32) Priority Date :14/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029119
Filing Date :14/03/2012
(87) International Publication No :WO 2012/125760
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RUBEL Zigmund

(57) Abstract :
An interior partition system for a structural frame building is disclosed. The structural frame building has a ceiling line that defines a ceiling height of occupiable space within the structural frame building. The interior partition system includes a first or upper modular partition assembly and a second or lower modular partition assembly. A receptor structure is configured to connect the first modular partition assembly to the second modular partition assembly. The first modular partition assembly has a vertical dimension that exceeds the ceiling height.

No. of Pages : 53 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2013

(21) Application No.7826/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMMUNICATION SYSTEM

(51) International classification :H04W16/28,H04W16/32,H04W72/04
(31) Priority Document No :2011081799
(32) Priority Date :01/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057735
Filing Date :26/03/2012
(87) International Publication No :WO 2012/137619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAEDA Miho
2)MOCHIZUKI Mitsuru

(57) Abstract :
The purpose of the present invention is to provide a communication system that is capable of improving communication quality in a case where a plurality of communication devices having different ranges of communication with a terminal device are in an intermixed arrangement and capable of improving overall throughput. In a case where a remote radio head (RRH) is installed within a macro cell coverage area an uplink resource transmitted from a mobile terminal (UE) to a macro cell in other words an uplink carrier frequency band (UL1) of the portion of the macro cell surrounded by a solid line is received not only by the macro cell but also by the RRH. Then in the macro cell the macro cell uplink resource reception signal received by the macro cell and the macro cell uplink resource reception signal received by the RRH are combined.

No. of Pages : 160 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.838/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : UNDER VOLTAGE TRIP DEVICE OF CIRCUIT BREAKER AND OVERVOLTAGE AND UNDERVOLTAGE TRIP DEVICE

(51) International classification	:H02H3/00
(31) Priority Document No	:2013-073811
(32) Priority Date	:29/03/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)YAMAZOE, KOICHI
2)TANAKA, TSUYOSHI

(57) Abstract :
An undervoltage trip device for a circuit breaker includes an undervoltage detection unit (19) that compares a voltage (Vx) corresponding to a voltage of a power supply (AC) with a first threshold voltage (Vtl) and outputs an undervoltage detection signal (Vd). A delay unit (20) outputs an excitation current interruption signal (S2) when the undervoltage detection signal (Vd) is continuously output. A switch circuit (13) interrupts an excitation current (Ic) supplied to a coil (12) in accordance with the excitation current interruption signal (S2). An interruption mechanism (14, 15, 17) interrupts the supply of power to a load device when the excitation current (Ic) to the coil (12) is interrupted. The delay unit (20) includes a capacitor (C2) and compares the voltage level (SI) of the capacitor (C2) with a threshold voltage (Vt2) to output the excitation current interruption signal (S2).

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.742/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTROMAGNETIC TRIP DEVICE AND CIRCUIT BREAKER

(51) International classification	:H01H71/00
(31) Priority Document No	:2013-074666
(32) Priority Date	:29/03/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SHINOHARA, HIROKI
2)INATSUGI, TAKASHI

(57) Abstract :
An electromagnetic trip device (90) includes a coil spring (98), a first core (93) fitted into the coil spring (98), and a second core (97) urged away from the first core (93) by the coil spring (98) . The first core (93) and the second core (97) are configured to come into contact with each other and move away from each other in accordance with an urging force of the coil spring (98) and an electromagnetic force generated by the first core (93). A clearance reducing portion (100) reduces a clearance between an outer surface of the first core (93) and an inner contour of the coil spring (98).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2013

(21) Application No.7585/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR IMPROVING THE SELECTIVITY OF AN EO CATALYST

(51) International classification :C07D301/00
(31) Priority Document No :61/480581
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035106
Filing Date :26/04/2012
(87) International Publication No :WO 2012/149098
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOBE Jeffrey Michael
3)MATUSZ Marek

(57) Abstract :
A process for improving the selectivity of an EO process utilizes a highly selective EO catalyst. An improvement in the initial operation of a process for manufacturing ethylene oxide comprises contacting ethylene oxygen a chloride moderator and a hydrocarbon co moderator with a high selectivity silver containing catalyst at a concentration of carbon dioxide of less than about 2 mole percent wherein the initial operating temperature is determined by optimization of such initial operating temperature at a level higher than the normal low initial operating temperature that is typically selected to obtain a longer operating cycle.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2013

(21) Application No.7586/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PEER TO PEER LIVE STREAMING

(51) International classification :H04L12/16,H04L29/06
(31) Priority Document No :61/447583
(32) Priority Date :28/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027025
Filing Date :28/02/2012
(87) International Publication No :WO 2012/154287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)COHEN Bram

(57) Abstract :
According to a peer to peer protocol a peer to peer network includes multiple clubs and multiple peers that receive content distributed by a source of the network. Each of the plurality of peers is part of at least two of the clubs. As content is generated the source divides the content into multiple data blocks and assigns each data block to a club. Each data block is transmitted to peers that belong to the club assigned to the data block. When a peer in a club receives a data block assigned to that club the peer distributes the data block to other peers in the club. Additionally the peer transmits the data block to peers in other clubs. Also the peer receives data blocks assigned to other clubs from peers that are not members of the club.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2013

(21) Application No.7910/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RUBBER COMPOSITION

(51) International classification :C08L21/00,B60C1/00,B60C5/14
(31) Priority Document No :2011097981
(32) Priority Date :26/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061513
Filing Date :24/04/2012
(87) International Publication No :WO 2012/147984
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WATANABE Yosuke
2)OZTURK Orhan
3)UEKITA Yasuo

(57) Abstract :
A rubber composition obtained by kneading at least one selected from the group consisting of (Al) , (Bl), (Cl)and(Dl), a rubber component and a filler, and a method of improving the viscoelastic property of vulcanized rubber, comprising a first step of kneading at least one selected from the group consisting of (Al), (Bl), (CI) and (Dl), a rubber component, a filler and a sulfur component and a second step of thermally treating the kneaded material obtained in the previous step. (Al): a compound represented by formula (I) (Bl): a salt of a compound represented by formula (I) (CI): a solvate of a compound represented by formula (I) (Dl): a solvate of a salt of a compound represented by formula (I)

No. of Pages : 130 No. of Claims : 21

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

(21) Application No.8460/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ELECTROMAGNETIC VIBRATION SUPPRESSION DEVICE AND ELECTROMAGNETIC VIBRATION SUPPRESSION PROGRAM

(51) International classification :C23C2/00
(31) Priority Document No :2011075937
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057850
Filing Date :27/03/2012
(87) International Publication No :WO 2012/133362
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OHARA Hisanori
2)MATSUDA Kazuhisa

(57) Abstract :
In order to provide an electromagnetic vibration suppression device capable of appropriately suppressing the vibration not only of steel plates that run with a normal posture but also of steel plates that meander in the width direction even in usage environments where the meandering amount is not provided by a host computer and without requiring a special edge position detection sensor or a meandering amount detection device an electromagnetic vibration suppression device (1) having a plurality of electromagnet pairs (2) arranged in the width direction of a steel plate (S) and which suppresses vibration of the steel plate (S) running between electromagnets (2A 2B) in each electromagnet pair (2) using a control unit (4) uses the control unit (4) which comprises: a pseudo displacement calculation means (41) which calculates a pseudo displacement amount for the steel plate (S) on the basis of the switching between ON and OFF of a sensor (3) attached to the electromagnet pairs (2); a pseudo edge position calculation means (42) that calculates a pseudo edge position for the steel plate (S) on the basis of the pseudo displacement amount; and a current amount control means (43) that individually controls the amount of current that flows to the electromagnets (2A 2B) on the basis of the pseudo edge position.

No. of Pages : 124 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2013

(21) Application No.6580/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ACOUSTIC TRANSDUCER ASSEMBLY FOR A PRESSURE VESSEL

(51) International classification :F16T1/48,G01N29/14
(31) Priority Document No :13/026790
(32) Priority Date :14/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024101
Filing Date :07/02/2012
(87) International Publication No :WO 2012/112339
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KLEVEN Lowell A.

(57) Abstract :
A transducer assembly (50) includes an acoustic sensor element (1) and an acoustic waveguide (4). The acoustic waveguide (4) includes a rotatable acoustic coupler a tube (4B) and a foot (4C). The foot (4C) has a mounting surface (11) that is mountable on a fluid conduit. A circuit assembly (3) couples to acoustic sensor element (1) and provides a diagnostic output.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2013

(21) Application No.6581/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM OF SELECTING RESPONDERS

(51) International classification :G06F17/00
(31) Priority Document No :61/433290
(32) Priority Date :17/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021487
Filing Date :17/01/2012
(87) International Publication No :WO 2012/099840
(61) Patent of Addition 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)JONES Scott A.
2)JOCKISCH Jeffrey
3)FRIEND Esther M.
4)ODONNELL Eugene M.

(57) Abstract :
A system and method of directing queries to human assistants who may be users of an information search system is described. An area of interest of a user is identified based on queries and/or other activities of the user. When a request is received analysis of available human assistants is performed to determine a suitable human assistant to aid in production of a response includes directing a task to a user associated with the type of request received.

No. of Pages : 139 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.706/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF MANUFACTURE FOR NITRIDE SEMICONDUCTOR LIGHT EMITTING ELEMENT WAFER AND NITRIDE SEMICONDUCTOR LIGHT EMITTING ELEMENT

(51) International classification :H01L33/32
(31) Priority Document No :2011149506
(32) Priority Date :05/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067165
Filing Date :05/07/2012
(87) International Publication No :WO 2013/005789
(61) Patent of Addition 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)NOGUCHI Norimichi
4)TSUBAKI Kenji
5)HIRAYAMA Hideki

(57) Abstract :
In the present invention a nitride semiconductor light emitting element is provided with a monocrystalline substrate (1) an AlN layer (2) a first nitride semiconductor layer (3) of a first conductivity type a light emitting layer (4) made of an AlGaN based material and a second nitride semiconductor layer (6) of a second conductivity type. In a manufacturing method for the nitride semiconductor light emitting element when forming the AlN layer (2) the following steps are provided: a first step in which an aluminum polarized AlN crystal nucleus group (2a) that makes up part of the AlN layer (2) is formed on a surface (101) of the monocrystalline substrate (1) by means of supplying aluminum raw material gas and nitrogen raw material gas; and a second step in which the aluminum raw material gas and the nitrogen raw material gas are supplied after the first step to form the AlN layer (2).

No. of Pages : 46 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/09/2013

(21) Application No.7624/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS AND APPARATUS FOR EFFECTIVE ALLOCATION OF ADAPTIVE RESOURCE PARTITIONING INFORMATION (ARPI) TO PICO ENHANCED NODE B BY MACRO ENHANCED NODE B IN HETEROGENEOUS NETWORK

(51) International classification :H04W72/04
(31) Priority Document No :61/467226
(32) Priority Date :24/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030481
Filing Date :24/03/2012
(87) International Publication No :WO 2012/129556
(61) Patent of Addition 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)SONG Osok
3)VAJAPEYAM Madhavan Srinivasan
4)BARBIERI Alan
5)PRAKASH Rajat

(57) Abstract :
Methods and apparatus for effectively allocating resource partitioning information (RPI) in a wireless communication network are provided. For certain aspects a method for wireless communications generally includes receiving at a first base station such as a pico enhanced Node B (eNB) resource partitioning information (RPI) from at least one second base station such as a macro eNB; determining one or more resources indicated in the RPI actually usable by the first base station; and sending from the first base station to the at least one second base station an indication of the actually usable resources.

No. of Pages : 53 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.854/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PRODUCING PEST CONTROLLING AGENT

(51) International classification :C07D213/74,C07D401/06,C07D417/06
(31) Priority Document No :PCT/JP2011/069352
(32) Priority Date :26/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/071399
Filing Date :24/08/2012
(87) International Publication No :WO 2013/031671
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUKUDA Yoshimasa
3)KITSUDA Shigeki
4)OHNO Ikuya

(57) Abstract :
To inexpensively and stably supply a derivative having a 2 acylaminopyridine configuration represented by Formula (I) in an amount required as a pest controlling agent the present invention provides a process of producing a compound represented by Formula (B) by acylating a 2 positioned amino group of a compound represented by Formula (A) by using an acylation agent [where Ar is a phenyl group or a 5 6 membered hetero ring R is a C C alkyl group and Y is a hydrogen atom a halogen atom a hydroxyl group a C C alkyl group which may be substituted with a halogen atom a C C alkoxy group which may be substituted with a halogen atom a cyano group a formyl group or a nitro group] and also provides a method including further alkylating a 1 position nitrogen atom of the compound represented by Formula (B).

No. of Pages : 125 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2013

(21) Application No.7693/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS AND APPARATUS FOR ENHANCING DEVICE PERFORMANCE THROUGH FLOW CONTROL

(51) International classification :H04L29/08,H04W28/08
(31) Priority Document No :13/088169
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033838
Filing Date :16/04/2012
(87) International Publication No :WO 2012/142616
(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)KHORASHADI Behrooz
4)WANG Bin
5)PAKZAD Payam
6)WATSON Mark
7)REZAIIFAR Ramin

(57) Abstract :
A method and apparatus for enhancing device performance through transport flow control is provided. The method may include determining that a level of user interest is indicated in at least one application of one or more applications and modifying a transport flow associated with at least one of the one or more applications.

No. of Pages : 33 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2013

(21) Application No.7695/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SINGLE ROUND PASSWORD BASED KEY EXCHANGE PROTOCOLS

(51) International classification :H04L9/00
(31) Priority Document No :13/115720
(32) Priority Date :25/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036296
Filing Date :03/05/2012
(87) International Publication No :WO 2012/161939
(61) Patent of Addition 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)ROY Arnab

(57) Abstract :
A method for initializing encrypted communications using a common reference string and a shared password includes determining a secret key of a peer (108a) using a first message (106a) a second message (106b) and the common reference string (100) wherein the first message and the second message each comprise a tuple of elements of a cyclic group G of prime order p a blinding encryption of the shared password and a hash projection key.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/10/2013

(21) Application No.8057/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF ENCODING A DATA IDENTIFIER

(51) International classification :G06F17/30,H03M7/30
(31) Priority Document No :11290181.4
(32) Priority Date :11/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055466
Filing Date :28/03/2012
(87) International Publication No :WO 2012/139885
(61) Patent of Addition 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)SCHWAN Nico
2)SHANBHAG Shashank
3)RIMAC Ivica

(57) Abstract :
The invention concerns a method of encoding a data identifier a network unit of a data network and a computer program product to execute the said method. The data identifier is one of a plurality of data identifiers of a data network. Each of the data identifiers consists of a string of characters. An occurrence probability table is provided which indicates for defined components of the plurality of data identifiers a frequency of occurrence within the plurality of data identifiers. The components are defined based on one or more characteristics of the plurality of data identifiers. Based on the occurrence probability table the data identifier is encoded according to a variable length encoding algorithm.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.806/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR MANUFACTURING AN AERATED CONFECTIONERY SHELL

(51) International classification :A23G1/00,A23G3/00,A23G1/52
(31) Priority Document No :11172834.1
(32) Priority Date :06/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/US2012/044857
Filing Date :29/06/2012
(87) International Publication No :WO 2013/006412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GUSTAV Thorsten
2)CASTRILLON Paula Mora
3)HAUGER Rudolf

(57) Abstract :
The present invention provides a method for manufacturing an aerated confectionery shell comprising the steps of: (i) aerating an edible liquid; (ii) depositing the aerated edible liquid into a mould cavity; and (iii) pressing the aerated edible liquid in the mould cavity using a stamp having a surface temperature below the solidification temperature of the edible liquid so as to shape and at least partially solidify the liquid thereby forming an aerated shell layer; wherein the aerated shell layer has a total gas content of at least 5% the gas content being calculated using the following formula (1): Gas content of aerated shell layer = (M2 M1) /M2 Wherein M1 is the mass of the aerated shell layer having volume V1 and M2 is the mass of a non aerated shell layer having volume V1 and being formed from the same edible liquid as the aerated shell layer and in the same manner as the aerated shell layer. An aerated confectionery shell obtainable by this method is also provided.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.862/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROTATING RECTIFIER ASSEMBLY FOR ELECTRIC MACHINE

(51) International classification :H02J17/00
(31) Priority Document No :13/778516
(32) Priority Date :27/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JIA, XIAOCHUAN
2)HASAN, RAED
3)HUANG, HAO
4)REYNOLDS, KERRY

(57) Abstract :
An electric machine (10) having a rectifier assembly (32) placed within a rotating shaft (24) of the electric machine (10) to convert the AC output of the electric machine (10) to DC prior to transmission of the electricity from the electric machine (10).

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7125/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : RUBBER MATERIAL WITH BARRIER MATERIAL FORMED FROM CYCLOOLEFIN COPOLYMERS

(51) International classification :C08F4/00,C08F210/00,C08G61/08
(31) Priority Document No :11154240.3
(32) Priority Date :11/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051992
Filing Date :07/02/2012
(87) International Publication No :WO 2012/107418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MLLER Kevin
2)DAHMEN Stefan

(57) Abstract :
A rubber material is described provided with a barrier material in the form of a copolymer preparable by ring opening metathesis polymerization of a) at least one olefin monomer selected from the group consisting of monocyclic olefin monomers having one or two endocyclic C C double bonds and bicyclic olefin monomers having one endocyclic C C double bond and b) at least one polycyclic olefin monomer having at least two C C double bonds. The barrier material can be used to reduce the gas permeability of the rubber material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.726/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOBILE COMMUNICATION USING MIMO OFDM AND SC FDMA

(51) International classification :H04L5/00
(31) Priority Document No :13/196056
(32) Priority Date :02/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025471
Filing Date :16/02/2012
(87) International Publication No :WO 2013/019282
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XILINX INC.
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(72)**Name of Inventor :**
1)DICK Christopher H.

(57) Abstract :
A system for mobile communication includes a mobile communication device (104) that has a first plurality of antennas (120 124) and a transmitter (136). The transmitter in response to a requested bandwidth for a first packet not being greater than a bandwidth of a first transmit mode is configured to encode and transmit the first packet from the first plurality of antennas. The first packet has a single carrier frequency division multiple access (SC FDMA) modulation of the first transmit mode. In response to a requested bandwidth for a second packet being greater than the bandwidth of the first transmit mode the transmitter is configured to encode and transmit the second packet from the first antennas. The second packet has a multiple in multiple out orthogonal frequency division multiplexing (M IMO OFDM) modulation of a second transmit mode. A base station (102) includes a second plurality of antennas (1 12 1 16) and is configured to receive and decode the first packet and the second packet.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2013

(21) Application No.7897/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LUBRICANT COMPOSITION AND METHOD FOR USING THE LUBRICANT COMPOSITION

(51) International classification :C10M169/04
(31) Priority Document No :61/472905
(32) Priority Date :07/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032329
Filing Date :05/04/2012
(87) International Publication No :WO 2012/138864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHELL OIL COMPANY
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2)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(72)**Name of Inventor :**
1)BASTIEN Paul Francis
2)CHEN Cheng
3)PAPKE Brian L.

(57) Abstract :
A lubricant composition comprising: a fully formulated commercial lubricating oil which comprises from 0.01 to 2.0 percent by weight of an oil soluble organo molybdenum friction modifier and at least 0.1 percent by weight active sulfur of a surface active sulfur donor component is effective in preventing the removal of DLC coatings while at the same time allowing the beneficial friction reducing effects from the molybdenum friction modifier to occur.

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

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

(21) Application No.8251/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS OF PROXIMITY AND STUNT RECORDING FOR OUTDOOR GAMING

(51) International classification :A63F13/06
(31) Priority Document No :61/482937
(32) Priority Date :05/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027587
Filing Date :02/03/2012
(87) International Publication No :WO 2012/150997
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)PERSAUD Anthony G.
2)PRENTICE Adrian J.
3)JOSEPH George
4)STORCH Mark R.

(57) Abstract :
Apparatuses for motion capture are disclosed that includes a surface configured to support an object; and at least one sensor arranged with the surface wherein the at least one sensor is configured to obtain at least one of ranging or inertial information for use in estimating a motion of the surface with respect to the object. A method for motion capture is also disclosed that includes providing a surface configured to support an object; and obtaining at least one of ranging or inertial information for use in estimating a motion of the surface with respect to the object via at least one sensor.

No. of Pages : 34 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.863/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CHLORINATED PROPENES

(51) International classification :C07C17/04,C07C17/25,C07C19/01
(31) Priority Document No :61/515947
(32) Priority Date :07/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049669
Filing Date :04/08/2012
(87) International Publication No :WO 2013/022806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland Michigan 48674 U.S.A.
(72)**Name of Inventor :**
1)TIRTOWIDJOJO Max Markus
2)FISH Barry
3)LAITAR David Stephen

(57) Abstract :
Processes for the production of chlorinated propenes are provided wherein a dehydrochlorination reaction occurs prior to a first chlorination reaction. The present processes make use of at least one reactor twice i.e. at least two reactions occur in the same reactor. Cost and time savings are thus provided. Additional savings can be achieved by conducting more than two chlorination reactions or all chlorination reactions in one chlorination reactor and/or by conducting more than two dehydrochlorination reactions or all dehydrochlorination reactions within a single dehydrochlorination reactor.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.815/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MECHANICAL LOCKING SYSTEM FOR FLOOR PANELS

(51) International classification :E04F15/04,E04F15/02
(31) Priority Document No :11507134
(32) Priority Date :19/07/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050828
Filing Date :11/07/2012
(87) International Publication No :WO 2013/012386
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)V„LINGE FLOORING TECHNOLOGY AB
Address of Applicant :Prstavgen 513 S 263 65 Viken Sweden
(72)**Name of Inventor :**
1)PERVAN Tony
2)PERVAN Darko

(57) Abstract :
Floor panels are shown which are provided with a vertical locking system on short edges having a displaceable tongue that is displaced in one direction into a tongue groove during vertical displacement of two panels.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.836/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : STRIP LIGHTING DEVICE

(51) International classification :G02B6/00
(31) Priority Document No :1303410.3
(32) Priority Date :26/02/2013
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VISTEON GLOBAL TECHNOLOGIES, INC.
Address of Applicant :ONE VILLAGE CENTER DRIVE, VAN BUREN TOWNSHIP, MICHIGAN 48111-5711 U.S.A.
(72)**Name of Inventor :**
1)DANIEL GULLICK
2)PAWEL MURZYN

(57) Abstract :
Strip Lighting Device This invention relates to a strip lighting device and to a pointer for a display including such a strip lighting device. More particularly this invention relates to a strip lighting device for use in a pointer of a motor vehicle display. A strip lighting device comprises a source of illumination for illuminating the device with visible light and a slender main body that has opposite front and rear sides extending along the length of the main body. The front side, in use, is disposed towards a viewer of the device, and the rear side includes a light scattering layer for scattering light from the source of Illumination towards the viewer when the device is illuminated. The main body has extending along its length a front cladding layer and a rear cladding layer each of which is made of a first light transmissive material. In a first embodiment, a light pipe made of a second light transmissive material receives light from the source of illumination. The light pipe is sandwiched between and in contact with the front and rear cladding layers at interfaces which extending along the length of the main body. Total internal reflection conveys light along the light pipe. A rear interface of the light pipe has a plurality of angled portions which allow some light to escape into the rear cladding layer to impinge on the light scattering layer which then scatters light towards the viewer of the device.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.836/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THERMOPLASTIC MOLDING COMPOUND

(51) International classification :C08G75/23,A61J9/00
(31) Priority Document No :11173983.5
(32) Priority Date :14/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063528
Filing Date :11/07/2012
(87) International Publication No :WO 2013/007735
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)METTLACH Claudia
2)WEBER Martin
3)MALETZKO Christian
4)TROTTE Bernd

(57) Abstract :
The present invention relates to the use of a molding compound for producing a feeding container the molding compound essentially consisting of a copolymer consisting of (A) from 5 to 60 wt.% units of formula (I) and (B) from 40 to 95 wt.% units of formula (II) the sum of the percentages by weight being 100 wt.% relative to the copolymer and the molding compound having a demolding force of 1800 to 2800 N.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.855/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SMARTTM SOLID ORAL DOSAGE FORMS

(51) International classification :A61J3/07,A61K47/10,A61K47/08
(31) Priority Document No :61/534418
(32) Priority Date :14/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055627
Filing Date :14/09/2012
(87) International Publication No :WO 2013/040494
(61) Patent of Addition 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 :747 Southwest Second Ave. Gainesville FL 32611 5575 U.S.A.
(72)**Name of Inventor :**
1)DENNIS Donn M.
2)MELKER Richard J.

(57) Abstract :
Solid Oral Dosage Forms (SODFs) comprising Self Monitoring and Reporting Therapeutics (SMART„) adherence technology are provided which require no or minimal modification of clinical trial materials (CTMs) or marketed drug while providing tamper resistant (literally foolproof) measurement of adherence that is highly accurate and without altering the chemical manufacturing and controls (CMC) of the CTM or marketed drug.

No. of Pages : 111 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.875/CHE/2014 A
(43) Publication Date : 10/10/2014

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

(51) International classification :F16H3/00
(31) Priority Document No :2013-036279
(32) Priority Date :26/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO Japan
(72)**Name of Inventor :**
1)SADAKIYO, MASAYUKI

(57) Abstract :
In an apparatus for an automatic transmission, one (60m) from among gear engaging mechanisms (60) constituting other (60n) of the first and second output routes is pre-shifted (S10), drag torque that could happen at a clutches (24, 26) of the other output route is determined and the mechanism (60n) is again shifted toward the gear-in position by a counter-torque shifting force determined based the determined drag torque (S12-S16), and the output of a shift position detector at a time when shifted by the counter-torque shifting force as the gear-in position of the mechanism (60n).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8203/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOST RECENTLY USED LIST FOR ATTACHING FILES TO MESSAGES

(51) International classification :G06Q50/32
(31) Priority Document No :13/096922
(32) Priority Date :28/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035711
Filing Date :28/04/2012
(87) International Publication No :WO 2012/149510
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MEISELS Joshua Adam
2)COSTENARO Daniel Paul
3)BROWN Jedidiah

(57) Abstract :
A user may select an attachment for an electronic message from a most recently used (MRU) list of files. For example when a user is composing an electronic message they may select a file to attach to the message from the MRU list. The recently used files that are included within the MRU list may be related to or more applications/locations and/or one or more computing devices. For example the MRU list may include files accessed by one or more different authoring applications and/or files that have recently been accessed/created that are associated with the user.

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

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

(21) Application No.8205/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VAPOR PHASE HYDROLYSIS VESSEL AND METHODS RELATED THERETO

(51) International classification :D21C1/02,D21C3/02,D21B1/02
(31) Priority Document No :61/454055
(32) Priority Date :18/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2012/027114
Filing Date :29/02/2012
(87) International Publication No :WO 2012/128901
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ANDRITZ INC.
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(72)**Name of Inventor :**
1)GREENWOOD Brian F.

(57) Abstract :
A prehydrolysis of wood chips or other lignocellulosic material in a vessel having a gaseous portion and a liquid portion. The vessel includes at least one stress relieving piece that inhibits overcompression of the lignocellulosic material. The vessel operates in a continuous process. A slurry of lignocellulosic material and liquid is removed from the bottom of the vessel.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.840/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WIRELESS MONITORING SYSTEMS FOR USE WITH PRESSURE SAFETY DEVICES

(51) International classification :G05B23/02,G08C17/00,G05B9/00
(31) Priority Document No :61/505306
(32) Priority Date :07/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045412
Filing Date :03/07/2012
(87) International Publication No :WO 2013/006624
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL EQUIPMENT AND MANUFACTURING COMPANY INC. d/b/a TOPWORX INC.
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(72)**Name of Inventor :**
1)HARPER Ronald D. Jr.

(57) Abstract :
Wireless monitoring systems for use with pressure safety devices are described. An example wireless monitoring system includes a field device and a wireless transceiver coupled to the field device to receive a signal generated by the field device. The wireless transceiver has a self contained power module. A wireless interface is communicatively coupled to the wireless transceiver without an interposing intrinsically safe barrier panel. The wireless interface wirelessly receives the signal from the wireless transceiver.

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

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

(21) Application No.8406/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A COMPENSATING SYSTEM FOR MEDIUM OR HIGH VOLTAGE APPLICATIONS

(51) International classification :H02J3/01,H02J3/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/059646
Filing Date :10/06/2011
(87) International Publication No :WO 2012/167834
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB TECHNOLOGY AG
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(72)**Name of Inventor :**
1)HASLER Jean Philippe

(57) Abstract :
It is presented a compensating system (1) for a power system (2). The compensating system (1) comprises a compensator (3) comprising semiconductor switch means which compensator (3) has phase legs (6 1 6 2 6 3) which on a first side (13) of the compensator (3) defines AC inputs for connection to a respective phase (11 1 11 2 11 3) of the power system (2) wherein the phase legs (6 1 6 2 6 3) are connected in wye connection at a second side (15) of the compensator (3) which wye connection has a neutral point (N); and a filter arrangement (9) which at a first side thereof is connected to the neutral point (N) of the wye connection and at a second side is connected to the AC inputs to thereby form a circuit (10) with the compensator (3) wherein the filter arrangement (9) is arranged such that the circuit (10) acts essentially as an open circuit for positive sequence currents or voltages and negative sequence currents or voltages and as a closed circuit for zero sequence currents wherein the filter arrangement (9) is further arranged to block a zero sequence current having a fundamental frequency and to allow a harmonic of the zero sequence current to pass therethrough whereby the harmonic of the zero sequence current is able to flow through the closed circuit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.883/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ORTHPEDIC INSTRUMENT SYSTEM AND METHOD FOR IMPLANTING AN ACETABULAR CUP

(51) International classification :A61F2/34
(31) Priority Document No :61/521030
(32) Priority Date :08/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047324
Filing Date :19/07/2012
(87) International Publication No :WO 2013/022586
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HIP INNOVATION TECHNOLOGY LLC
Address of Applicant :95 Main Street West Orange NJ 07052 U.S.A.
(72)**Name of Inventor :**
1)TERMANINI Zafer

(57) Abstract :
An orthopedic instrument for installing a new reverse hip prosthesis particularly the acetabular cup thereof wherein the cup can be affixed to the pelvis with or without screws. The acetabular cup is releasably attached to the instrument and the instrument is used to position the cup in the pelvis. Optional screw guides are provided in the instrument in case the surgeon wishes to use screws to affix the cup to the pelvis.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.767/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DISPLAY OF A PHYSICAL MAGNITUDE ON A CLOCKMAKING DISPLAY SUPPORT

(51) International classification :G04B45/00
(31) Priority Document No :11173107.1
(32) Priority Date :07/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/061723
Filing Date :19/06/2012
(87) International Publication No :WO 2013/004491
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Blancpain SA
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(72)**Name of Inventor :**
1)ROCHAT Marco
2)HAYEK Marc Alexander

(57) Abstract :
Clock movement (1) driving an output mobile (3) from means (2A) of generating a time magnitude or means (2B) of identifying a state magnitude of a control member of said movement or means (2C) of measuring a physical magnitude the position of said output mobile (3) being linked to an instantaneous value of said magnitude which is displayed on a free pivoting display support (10) and comprising a display mobile (4) collaborating with said output mobile (3). Said display mobile (4) is in permanent engagement with said output mobile (3) and said movement (1) comprises an additional mobile (5) pivoting in synchronism or in an integer rate of pivoting ratio with respect to said display mobile (4). Timepiece (100) comprising such a movement (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.804/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR SYSTEMICALLY INFLUENCING PROCESSES IN THE MALE MEIOCYTE

(51) International classification :A01H5/00,A01H5/02,C12N15/01
(31) Priority Document No :11176591.3
(32) Priority Date :04/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065237
Filing Date :03/08/2012
(87) International Publication No :WO 2013/017683
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V
Address of Applicant :Burgemeester Crezeelaan 40 NL 2678 KX De Lier Netherlands
(72)**Name of Inventor :**
1)KRAGLER Friedrich
2)KOLLWIG Gregor
3)DIRKS Robert Hl¨ne Ghislain

(57) Abstract :
The invention relates to a method for interfering with processes in the male meiocytes of a plant by combining a first plant comprising a rootstock which transgenically harbours a nucleic acid sequence with a scion from a second plant grafted onto the rootstock of the said first plant whereby the said transgenic nucleic acid sequence generates polynucleotide molecules in the rootstock of the first plant which polynucleotide molecules are transported systemically across the graft junction to enter the male meiocytes produced by the scion of the second plant and wherein the said systemically transported polynucleotide molecules are at least partially complementary to a transcript expressed in the male meiocytes produced by the scion of the second plant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.823/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FIXED METAL FITTING FOR COMPONENTS TO BE MOUNTED TO CIRCUIT BOARD

(51) International classification :H01R12/71,H01R12/51,H01R13/03
(31) Priority Document No :2010173762
(32) Priority Date :02/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067627
Filing Date :01/08/2011
(87) International Publication No :WO 2012/017996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MURO Takashi

(57) Abstract :
The purpose of the present invention is to provide a fixed metal fitting for components that are to be mounted to a circuit board said fixed metal fitting being easy to manufacture and exhibiting good solderability and high whisker resistance. The fixed metal fitting has a solder joint plate part (11) that is soldered to the surface of a circuit board using a solder cream and a component fixing part (12) to be fixed to a connector which is to be mounted on a circuit board and at least the solder joint surface of the solder joint plate part is plated with Sn. The solder joint plate part (11) is divided into a plurality of long plate like solder joint pieces (13) and blade like joint feet (15) protrude on both sides of the long plate like solder joint pieces (13) with flexible sections (16) therebetween. The bottom surface of each joint foot (15) is treated as a solder joint surface (18) to be joined to the surface of a circuit board using a solder cream.

No. of Pages : 14 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.910/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROTATING ELECTRICAL MACHINE AND LUBRICATION OIL COOLING MECHANISM

(51) International classification :H02K
(31) Priority Document No :2013-035862
(32) Priority Date :26/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KUSADA, YUJI

(57) Abstract :
A rotating electrical machine has a shaft box tank that supports bearings and in which lubrication oil is stored; and a lubrication oil cooling mechanism that includes a cooling pipe attached to the shaft box tank. The cooling pipe passes through the shaft box tank and is attached to the shaft box tank in a liquid-tight manner, and a heat the cooling pipe has a release section formed outside the shaft box tank, and an inlet opening and an outlet opening formed inside the shaft box tank, and the inlet opening and the outlet opening are connected outside the shaft box tank. The inlet opening and the outlet opening are disposed below a normal liquid surface of lubrication oil inside the shaft box tank.

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

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

(21) Application No.6626/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BATTERY ADAPTER WITH FLEX CIRCUIT AND SILICONE SPRING

(51) International classification :H01M2/10,H01M2/20,H01L23/495
(31) Priority Document No :61/435847
(32) Priority Date :25/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050278
Filing Date :20/01/2012
(87) International Publication No :WO 2012/101557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAKIE Francis Kusti

(57) Abstract :
A battery adapter (100)and method (800) of making the same. The battery adapter (100) includes a resilient tray (102) that defines a receiving area (104) for one or more batteries (106)and includes one or more resilient sidewalls (108) of a resilient material configured to be compressed by the batteries (106). The battery adapter (100) further includes a flexible circuit (132)wrapped around at least a portion of an exterior of the resilient tray (102) over the resilient sidewalls(108). The flexible circuit (132) includes a first set of one or more contacts (138)disposed on the exterior of the resilient tray (102) to deliver power to an associated device (150)and a second set of one or more contacts (136) electrically coupled with the first set of contacts (138). The second set of contacts (136)is disposed on an interior of the resilient sidewalls (108) in the battery receiving area (104).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2013

(21) Application No.7576/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR SUPPORTING CONCURRENT DEPLOYMENT OF MULTIPLE TRANSMISSION TIME INTERVALS FOR UPLINK TRANSMISSIONS BY USER EQUIPMENT IN A NON DEDICATED CHANNEL STATE

(51) International classification	:H04W72/04,H04W74/08,H04W74/00
(31) Priority Document No	:61/471299
(32) Priority Date	:04/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/032166 :04/04/2012
(87) International Publication No	:WO 2012/138756
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAMBHWANI Sharad Deepak
2)AGARWAL Ravi
3)KAPOOR Rohit

(57) Abstract :
A random access procedure for UEs in Cell_FACH or another suitable non DCH state which enables concurrent deployment of 2ms and 10ms TTIs for uplink transmissions on the E DCH. In some examples the procedure may further enable utilization of a Rel 99 PRACH transmission by UEs in the Cell_FACH or other suitable non DCH state.

No. of Pages : 58 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.909/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ROTARY TILLER

(51) International classification :A01B33/00
(31) Priority Document No :2013-100272
(32) Priority Date :10/03/2013
(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)FUJITA, KAZUMASA
2)KINOSHITA, TAKERU
3)KONISHI, TAKETO

(57) Abstract :
In order to allow a linear member for preventing winding of weeds to be attached in a vicinity of an outer circumference of a pawl shaft in a rotary tiller having a tilling pawl attached to a flange. A plurality of flanges 4 are provided in a pawl shaft direction on an outer circumference of a pawl shaft 3 supported by a rotary machine frame 10, each flange 4 has a tilling pawl 2 attached thereto. A linear member 6 for preventing winding of weeds is provided between the flanges 4 located at both ends of the pawl shaft 3. In this configuration, through holes are formed so as to penetrate the flanges located at both ends of the pawl shaft 3 in the pawl shaft direction, an end of the linear member 6 is inserted through the through hole 5, and stopper means 7 is provided at the end of the linear member 6 for preventing the linear member 6 from slipping off the through holes in the pawl shaft direction.

No. of Pages : 41 No. of Claims : 11

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

(21) Application No.9734/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR CHECKING VEHICLE TYRES AND CONTROL UNIT FOR CARRYING OUT THE METHOD

(51) International classification :B60C23/06
(31) Priority Document No :10 2011 118 436.1
(32) Priority Date :12/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/003593
Filing Date :25/08/2012
(87) International Publication No :WO 2013/068059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GORCZYCA Sven
2)RISSE Rainer
3)STENDER Axel

(57) Abstract :
The invention relates to a method for checking vehicle tyres in which wheel sensor signals (S1 1 S1 2 S1 3 S1 4) of at least one wheel (2 1 2 2 2 3 2 4) of the vehicle (1) are recorded over a time period (t1) and from these a comparative value (y1 y2 y3 y4) is determined to indicate a travel distance (x1 x2 x3 x4) of the wheel a reference travel distance (RS) covered by the vehicle in the time period (t1) is determined independently of the wheel sensor signals (S1 1 S1 2 S1 3 S1 4) an individual ratio value (2 1 2 2 2 3 2 4) of the wheel (2 1 2 2 2 3 2 4) is formed from the wheel travel distance (x1 x2 x3 x4) and the reference travel distance (RS) the behaviour of the ratio value over time is checked and from the behaviour over time a conclusion is drawn concerning changes to the tyre of the wheel.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.864/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BUTTERFLY VALVE

(51) International classification :F16K1/00
(31) Priority Document No :1303359.2
(32) Priority Date :26/02/2013
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BREESE, MARK
2)BURNS, GEORGE
3)WALKER, SIMON

(57) Abstract :
A butterfly valve is described which comprises a valve disc located within a flow passage provided in a housing and engageable with a seat provided within the housing, the valve disc and housing cooperating with one another, when the valve disc occupies a closed position, to define an annular void extending around the periphery of the valve disc at a position spaced from and independent of the main valve seat, an inlet port and an outlet port communicating with the void to allow the supply of sealant to the void to form a seal between the valve disc and the housing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.864/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MULTI METAL OXIDE MASSES CONTAINING MO BI AND FE

(51) International classification :B01J23/882,C07C5/00,B01J35/02
(31) Priority Document No :102011079035.7
(32) Priority Date :12/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/063530
Filing Date :11/07/2012
(87) International Publication No :WO 2013/007736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF SE
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2)KARPOV Andrey
3)DOBNER Cornelia Katharina
4)ROSOWSKI Frank
5)HAMMON Ulrich
6)MLLER ENGEL Klaus Joachim

(57) Abstract :
Multi metal oxide mass containing MO Bi and Fe with general stoichiometry I Mo Bi Co Fe K Si O(I) with a = 0.5 to 1 b = 7 to 8.5 c = 1.5 to 3.0 d = 0 to 0.15 e = 0 to 2.5 and x = stoichiometric coefficient of O to guarantee electrical neutrality of the multi metal oxide as well as 12 b 1.5 · c = A and 0.5 = A = 1.5 0.2 = a/A = 1.3 and 2.5 = b/c = 9 and the use thereof.

No. of Pages : 59 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.890/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SINGLE MOTOR DRIVEN GRAVURE CYLINDER CHUCK MECHANISM

(51) International classification :B41C1/18,B25J15/08,B41C1/04
(31) Priority Document No :2011267525
(32) Priority Date :07/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/081487
Filing Date :05/12/2012
(87) International Publication No :WO 2013/084927
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHIGETA Tatsuo

(57) Abstract :
Provided is a single motor driven gravure cylinder chuck mechanism that causes the contact of a chuck cone to a roll to be platemade to be increased at each processing unit of a fully automatic platemaking system. The gravure cylinder chuck mechanism is used in a processing unit of the fully automatic gravure platemaking processing system that performs a series of processes on the roll to be platemade to result in a platemade roll and the gravure cylinder chuck mechanism has: a pair of chuck cones provided facing each other in order to chuck both ends of the roll to be platemade; a chuck cone moving means for causing the pair of chuck cones to be able to contact and separate from both ends of the roll to be platemade; and a single motor for driving the chuck cone moving means. The pair of chuck cones is able to contact and separate from both ends of the roll to be platemade by means of the single motor and the roll to be platemade results from being chucked.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.933/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOUNDS FOR THE TREATMENT AND PROPHYLAXIS OF RESPIRATORY SYNCYTIAL VIRUS DISEASE

(51) International classification :C07D403/04,C07D413/04,C07D417/04
(31) Priority Document No :PCT/CN2011/078258
(32) Priority Date :11/08/2011
(33) Name of priority country :China
(86) International Application No :PCT/EP2012/065499
Filing Date :08/08/2012
(87) International Publication No :WO 2013/020993
(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)FENG Song
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5)GUO Tao
6)HUANG Mengwei
7)LIANG Chungen
8)LIU Yongfu
9)WANG Lisha
10)WONG Jason Christopher
11)WU Jim Zhen
12)WU Xihan
13)YUN Hongying
14)ZHENG Xiufang

(57) Abstract :
A compound of formula (I) as well as pharmaceutically acceptable salt thereof wherein R to R A Q X and Y are as defined in description and in claims can be used as a medicament for the treatment of respiratory syncytial virus.

No. of Pages : 532 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.977/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COPOLYMERS MADE OF ISOPRENOL MONOETHYLENICALLY UNSATURATED MONOCARBOXYLIC ACIDS AND SULPHONIC ACIDS PROCESS FOR PRODUCING SAME AND USE OF SAME AS DEPOSIT INHIBITORS IN SYSTEMS CONVEYING WATER

(51) International classification	:C08F216/02,C08F222/06,C08F2/38
(31) Priority Document No	:11177170.5
(32) Priority Date	:10/08/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/064406 :23/07/2012
(87) International Publication No	:WO 2013/020799
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)G„DT Torben
2)DETERING J¼rgen
3)NIED Stephan

(57) Abstract :
The invention relates to copolymers of (a) from 5 to 40% by weight of isoprenol (b) from 5 to 93% by weight of at least one monoethylenically unsaturated C to C monocarboxylic acid or of an anhydride or salt of same (c) from 2 to 90% by weight of one or more monomers containing sulphonic acid groups.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.978/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PREPARING N SUBSTITUTED 1H PYRAZOLE 5 CARBONYLCHLORIDE COMPOUNDS

(51) International classification :C07D401/04
(31) Priority Document No :11177494.9
(32) Priority Date :12/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065648
Filing Date :10/08/2012
(87) International Publication No :WO 2013/024007
(61) Patent of Addition 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)KAISER Florian
4)RACK Michael
5)FRASSETTO Timo
6)VEITCH Gemma
7)KORDES Markus

(57) Abstract :
The present invention relates to a process for preparing an N substi tuted 1 H pyrazole 5 carbonylchloride compound of the formula (I) comprising the steps of i) deprotonating a compound of the formula (II) with a base selected from lithium organic base having a carbon or nitrogen bound lithium or with a magnesium organic base having a carbon bound magnesium; and ii) subjecting the product obtained in step (i) to a chlorocarbonylation by reacting it with a reagent selected from the group consisting of phosgene or a phosgene equivalent to obtain a compound of formula (I).

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.7982/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FLUID DYNAMIC PRESSURE BEARING DEVICE

(51) International classification :F16C17/10,F16C33/74
(31) Priority Document No :2011092037
(32) Priority Date :18/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057358
Filing Date :22/03/2012
(87) International Publication No :WO 2012/144288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YAMAMOTO Yasuhiro

(57) Abstract :
In the present invention both a shaft side seal surface (2a2) provided to the outer peripheral surface of a shaft (2a) and a bearing side seal surface (9a) provided to the inner peripheral surface of a bearing member (11) (seal unit (9)) are caused to be a tapered surface that contracts towards the side that is open to the atmosphere. Also the minimum diameter (r) of the bearing side seal surface (9a) is caused to be greater than the maximum diameter (r) of the shaft side seal surface (2a2).

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.799/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE HEATING DEVICE

(51) International classification :G03G15/20
(31) Priority Document No :2011155631
(32) Priority Date :14/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068043
Filing Date :10/07/2012
(87) International Publication No :WO 2013/008943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHIBATA Kota

(57) Abstract :
Provided is a fixing device with which it is possible to correct a bias movement of an external heating belt (105) which heats a fixing roller (101) from outside in the axial direction of support rollers (103 104). As a center of rotation of a rotary axle (209) the external heating belt (105) is configured to be capable of intersecting in a generating line direction of the fixing roller (101). The rotary axle (209) is positioned in a location which is offset toward the upstream side of the direction of rotation of the fixing roller (101).

No. of Pages : 64 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.895/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PEST CONTROL COMPOSITION

(51) International classification :A01P7/02,A01N43/76,A01N43/54
(31) Priority Document No :2011159711
(32) Priority Date :21/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/069071
Filing Date :20/07/2012
(87) International Publication No :WO 2013/012099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NATSUHARA Katsuya
2)TANAKA Azusa

(57) Abstract :
Disclosed is a pest control composition having an excellent controlling effect on pests which comprises etoxazole and fenazaquin.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.982/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HETERO RING COMPOUND

(51) International classification :C07D401/14,A61K31/5377,A61K31/541
(31) Priority Document No :2010179418
(32) Priority Date :10/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/068169
Filing Date :09/08/2011
(87) International Publication No :WO 2012/020762
(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)ASANO Toru
4)KOZUKI Yoshihiro
5)MAEDA Junko
6)KATO Koji
7)FUKAHORI Hidehiko

(57) Abstract :
To provide a compound which is useful as a novel and excellent prophylactic and/or therapeutic agent for rejection in various types of organ transplantation allergic diseases autoimmune diseases and blood tumors and which acts in a manner relying on a PI3Kd selective inhibitory activity and/or an IL 2 production inhibiting activity and/or a B cell proliferation inhibiting activity (including an activation inhibiting activity). [Solution] Examination was made on compounds each having a PI3Kd selective inhibitory activity and/or an IL 2 production inhibiting activity and/or a B cell proliferation inhibiting activity (including an activation inhibiting activity) and it has been confirmed that a hetero ring compound having a chemical structure represented by formula (I) has a PI3Kd selective inhibitory activity and/or an IL 2 production inhibiting activity and/or a B cell proliferation inhibiting activity (including an activation inhibiting activity).

No. of Pages : 406 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.982/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : POLYMER BLENDS AS COATING INHIBITORS IN WATER CARRYING SYSTEMS

(51) International classification :C02F5/08,C08L33/02,C08L35/00
(31) Priority Document No :11177163.0
(32) Priority Date :10/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065308
Filing Date :06/08/2012
(87) International Publication No :WO 2013/020937
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)G„DT Torben
3)NIED Stephan
4)KEMPTER Andreas
5)URTEL Bolette
6)NEUMANN Jessica

(57) Abstract :
The invention relates to a polymer blend in solid or aqueous form containing relative to the polymer content (A) 5 to 95 wt% of a water soluble or water dispersible polymer with an average molecular weight of 1000 to 20000 g/mol consisting of (a1) 20 to 80 wt% of at least one monomer selected from the group consisting of C C olefins allyl alcohol isoprenol C C alkyl vinyl ethers and vinyl esters of C Cmonocarboxylic acids (a2) 20 to 80 wt% of at least one monoethylenically unsaturated C Ccarboxylic acid an anhydride or a salt thereof (a3) 0 to 50 wt% of one or more monomers containing sulphonic acid groups (B) 5 to 95 wt% of a water soluble or water dispersible polymer with an average molecular weight of 1000 to 50000 g/mol consisting of (b1) 30 to 100 wt% of at least one monoethylenically unsaturated C C carboxylic acid an anhydride or a salt thereof (b2) 0 to 70 wt% of one or more monomers containing sulphonic acid groups (b3) 0 to 70 wt% of at least one non ionic monomer of formula (I) HC=C(R)(CH)O[R O] R wherein R represents hydrogen or methyl R represents the same or different linear or branched C C alkylene groups which can be arranged block wise or statistically and R represents hydrogen or a straight chain or branched C C alkyl group x representing 0 1 or 2 and o for a number between 3 and 50.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.812/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PREDICTION MODE AND PARTITION MODE SYNTAX CODING FOR CODING UNITS IN HEVC

(51) International classification :H04N5/44,H04N11/02,H04N11/04
(31) Priority Document No :61/535463
(32) Priority Date :16/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052732
Filing Date :29/08/2012
(87) International Publication No :WO 2013/039692
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ZHANG Ximin
2)LIU Shan

(57) Abstract :
A method and apparatus for coding of syntax elements are disclosed to allow prediction units in P and B slices to share the same syntax coding table. In one embodiment according to the present invention the method and apparatus coding of syntax elements selectively apply a syntax coding table to encode or decode the syntax element associated with the partition mode of a coding unit of a picture region according to the slice type of the picture region. A first syntax coding table is used to process the syntax element if the slice type is an I mode and a second syntax coding table is used to process the syntax element if the slice type is not an I mode.

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

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

(21) Application No.8318/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : APPARATUS AND METHOD FOR PRODUCING WAFER BOOKS

(51) International classification :A21C15/02
(31) Priority Document No :A668/2011
(32) Priority Date :11/05/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2012/058410
Filing Date :08/05/2012
(87) International Publication No :WO 2012/152776
(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)HADERER Karl
4)JIRASCHEK Stefan
5)REITHNER J¼rgen
6)SCHIESSBHL Leopold
7)SCHUHLEITNER Gerhard

(57) Abstract :
The invention relates to an apparatus and method for producing multi layered wafer books which are filled with a spreading substance such as a cream for example in which a first wafer book component (2) is transported along a conveying surface (30) to a stacking area (8) is lifted there from the conveying surface (30) by a gripping apparatus (4) a second wafer book component (3) subsequently or simultaneously being transported along the conveying surface (30) to the stacking area (8) and the first wafer book component (2) being placed and/or pressed onto the second wafer book component (3) from above in a joining process.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.938/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TERMINAL SUPPORT DEVICE MOUNTING STRUCTURE

(51) International classification :F16C1/10
(31) Priority Document No :2011176131
(32) Priority Date :11/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070567
Filing Date :10/08/2012
(87) International Publication No :WO 2013/022105
(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 the present invention a terminal support device mounting structure has a terminal support device (10) and a bracket (2). The bracket (2) has an opening (2) a mounting hole section (22) a thick section (23) and an engaging section (4). The thick section (23) is positioned at the periphery of the opening (21) and the mounting hole section (22). The engaging section (4) is provided extending in an axial direction X from the thick section (23). The terminal support device (10) has a socket (1) the socket (1) having: a mounted section (17) having an introduction section (16) and a sliding contact section (15); a flexible section (9) having a pair of flange sections (7) a claw section (3) and an arm section (5); and a rotation restricting section (6). The claw section (3) is engaged with the engaging section (4) during rotation. The arm section (5) supports the claw section (3) so as to be able to be engaged with the engaging section (4). The rotation restriction section (6) restricts rotation of the socket (1) after rotation has caused the claw section (3) to pass over the engaging section (4). The arm section (5) and the claw section (3) are at positions that are spaced apart in the axial direction X from the thick section (23) during rotation.

No. of Pages : 26 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.983/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MULTIPLE LIQUID DISPENSING AEROSOL DEVICE

(51) International classification :B65D83/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/071549
Filing Date :02/12/2010
(87) International Publication No :WO 2012/073361
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HANAI Nobuyuki
3)OGATA Ken

(57) Abstract :
Two or more valve housing mount portions are formed on a mount member to be fitted onto an opening portion of a 1 diameter aerosol container (11) and aerosol valves are mounted onto the respective housing mount portions. The middle portion of the mount member is positioned onto a bead portion (12) of the opening portion of the aerosol container (11) and fitted such that the top portions of the aerosol valves project from the opening portion. The exterior side of the mount member is covered by cladding (19) and crimping onto the exterior side of the bead portion (12) is performed so as to depress stem gaskets. As a result two or more aerosol valves are provided on the 1 can (11). Additionally within the aerosol container a propellant is filled each of the multiple aerosol valves is connected to an inner bag filled with an inner solution and having a variable capacity and the inner solutions for the respective sets are dispensed from the inner packages in a separated state and sprayed independently in a non contact state without the internal solutions affecting each other. Accordingly provided is a multiple liquid dispensing aerosol device which has two or more aerosol valves provided on a standard 1 diameter aerosol container having a bead portion and comprises two inner bags whereby even a first agent comprising a strong alkali component and a second agent comprising an oxidative acidic component of a hair dye for example can be filled as the inner solutions without hindrance in a single aerosol container.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2013

(21) Application No.7869/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FASTENER ATTACHED PROTECTIVE TUBE AND DEVICE FOR PRODUCING FASTENER ATTACHED PROTECTIVE TUBE

(51) International classification :H02G3/30,B60R16/02,H02G3/04
(31) Priority Document No :2011082010
(32) Priority Date :01/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058553
Filing Date :30/03/2012
(87) International Publication No :WO 2012/137679
(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 :
To provide: a fastener attached protective tube wherein a fastener formed in a manner so as to be able to fasten to an attachment hole of a panel is integrally formed to a protective tube that houses an electrical wire; and a device for producing the fastener attached protective tube. [Solution] In the fastener attached protective tube (1) the fastener (3) which fastens to the attachment hole of a panel to which the electrical wire (23) is routed is provided to the outer peripheral surface of the protective tube (2) that houses the electrical wire (23) and that is formed in a tubular shape.

No. of Pages : 49 No. of Claims : 4

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

(21) Application No.803/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CATALYSTE DEVICE FOR EXHAUST GAS

(51) International classification :F01N
(31) Priority Document No :2013-035699
(32) Priority Date :26/02/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ENDO, TAKESHI

(57) Abstract :
To provide a catalyst device for an exhaust gas which can suppress the thermal deterioration of an outermost | surface. [Means for Resolution] A heat-resistant protective layer 23 having heat resistance than a catalyst layer 21 and permeability which allows an exhaust gas to be supplied to the catalyst layer 21 is formed on a surface of the catalyst layer 21.

No. of Pages : 40 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.803/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LEFT VENTRICULAR DIASTOLIC FUNCTION IMPROVING AGENT

(51) International classification	:A61K31/4015,A61K38/22,A61K45/00
(31) Priority Document No	:2011169389
(32) Priority Date	:02/08/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/069609 :01/08/2012
(87) International Publication No	:WO 2013/018837
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)KANAJI Toshiya
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(57) Abstract :
Provided is a therapeutic agent for heart failure which can improve the diastolic function of the left ventricle without relying on the diuretic activity or the vasodilatory activity thereof and therefore can control the condition of impaired vasodilatation so as to prevent the recurrence of impaired vasodilatation and can also improve breathing difficulty or death associated with the condition of impaired vasodilatation. 4 [(2 {(2R) 2 [(1E 3S) 4 (4 Fluorophenyl) 3 hydroxy 1 butene 1 yl] 5 oxo 1 pyrrolidinyl}ethyl)thio]butanoic acid can act on the heart directly to improve the diastolic function of the left ventricle and therefore can treat heart failure particularly impaired vasodilatation effectively. Thus the present invention can provide a novel therapeutic agent for heart failure which can improve impaired vasodilatation for which any effective treatment method is not established yet.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.839/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HOT ROLLED HIGH STRENGTH STEEL STRIP WITH IMPROVED HAZ SOFTENING RESISTANCE AND METHOD OF PRODUCING SAID STEEL

(51) International classification :C22C38/04,C22C38/06,C22C38/12
(31) Priority Document No :11173383.8
(32) Priority Date :10/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063515
Filing Date :10/07/2012
(87) International Publication No :WO 2013/007729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VAN HAAFTEN Willem Maarten

(57) Abstract :
Hot rolled high strength micro alloyed steel strip with improved HAZ softening resistance having a microstructure comprising martensite tempered martensite and/or bainite.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.9657/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD OF TREATING DENGUE FEVER

(51) International classification :A61K31/7068
(31) Priority Document No :61/495472
(32) Priority Date :10/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/060781
Filing Date :07/06/2012
(87) International Publication No :WO 2012/168348
(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 application provides methods for treatment or prophylaxis of dengue virus mediated diseases with compounds of Formula I wherein R R R R R R R R and R are as defined herein. The application further discloses methods for treatment or prophylaxis of dengue virus mediated diseases with pharmaceutical compositions comprising compounds of Formula I.

No. of Pages : 47 No. of Claims : 14

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

(21) Application No.987/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NONWOVEN WEBS AND MULTI COMPONENT FIBERS COMPRISING A POLYDIORGANOSILOXANE POLYAMIDE AND METHODS OF MELT BLOWING

(51) International classification :B32B9/00
(31) Priority Document No :61/522485
(32) Priority Date :11/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049900
Filing Date :08/08/2012
(87) International Publication No :WO 2013/022913
(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 pertains to nonwoven webs and multi component fibers comprising polydiorganosiloxane polyamide as well as method of making microfibers and multi component fibers comprising a polydiorganosiloxane polyamide copolymer.

No. of Pages : 30 No. of Claims : 27

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

(21) Application No.9272/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR CONSTRUCTING BOILER FACILITY

(51) International classification :F22B37/24,E04H5/02
(31) Priority Document No :2011134508
(32) Priority Date :16/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064923
Filing Date :11/06/2012
(87) International Publication No :WO 2012/173092
(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)YOKOI Yuji
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5)MACHIDA Yukitaka

(57) Abstract :
The present invention relates to a large size boiler and the construction of a building therefor and the purpose of the present invention is to provide a method for constructing a boiler facility the method being capable of reducing the time until a boiler is installed. [Solution] A method for constructing a boiler facility is characterized in that the method comprises: a main column installation step in which main columns (14) located at four places of a boiler building are installed; a large beam installation step in which after the main column installation step large beams (22) are lifted and affixed between the main columns (14) by jack devices (40) provided to the upper portions of the main columns (14); a boiler installation step in which after the large beam installation step a boiler body (30) is lifted and affixed through the jack devices (40) provided to the large beams (22); and a floor unit installation step in which in parallel with both the large beam installation step and the boiler installation step a floor unit (14a) forming each floor of the main columns (14) is lifted and affixed by the jack devices (40) provided to the upper portions of the main columns (14).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.970/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM BASE STATION COMMUNICATION METHOD MOBILE STATION AND COMPUTER READABLE MEDIUM

(51) International classification :H04W88/10,H04W36/14
(31) Priority Document No :2011-176785
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/003036
Filing Date :09/05/2012
(87) International Publication No :WO 2013/024559 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)AKIYOSHI Ippei

(57) Abstract :
A base station (1) is capable of connecting with a mobile station (4) via a plurality of Radio Access Technologies (RATs) including first and second RATs. The base station (1) is configured such that when the mobile station (4) communicates via the second RAT it is possible to use a communication path (400) which transits a first upstream network (140) which corresponds to the first RAT. It is thus possible for example to efficiently use an upstream network when a Multi RAT base station (1) supports a plurality of upstream networks.

No. of Pages : 59 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.971/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SIDE OUTER PANEL FOR VEHICLE

(51) International classification :B62D25/04,B62D25/20
(31) Priority Document No :2011154044
(32) Priority Date :12/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061035
Filing Date :25/04/2012
(87) International Publication No :WO 2013/008515
(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 first outer panel (58) has: a first general surface (81); and a first flange section (83) having an end section of the first general surface (81) recessed more than the first general surface (81). A second outer panel (59) has: a second general surface (82) having a surface flush with the first general surface (81); and a second flange section (84) that is recessed from the second general surface (82) and is joined overlapping with the first flange section (83). A join (85) that is recessed more than the first and second general surfaces (81 82) is formed in the joined section. A filler substance (74) is provided in the join (85) and the section from the first general surface (81) to the second general surface (82) is formed in a continuous surface.

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

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

(21) Application No.9928/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM FOR OBTAINING THE SHAPE OF MOTOR VEHICLES

(51) International classification :B60S3/04
(31) Priority Document No :AN2011A000063
(32) Priority Date :20/05/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2012/000147
Filing Date :18/05/2012
(87) International Publication No :WO 2012/160582
(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 :
System for obtaining the external shape of motor vehicles which can be applied to car washing apparatuses already installed or to be installed said system being able to reproduce the external shape of said motor vehicles and comprising means for detecting the outer shape of the motor vehicle a central operating control unit and software means for handling and processing data loaded on said central unit.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.727/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR PRODUCTION OF SYNTHESIS GAS

(51) International classification :C01B3/34,C01B31/02
(31) Priority Document No :10 2011 106 642.3
(32) Priority Date :05/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/002837
Filing Date :05/07/2012
(87) International Publication No :WO 2013/004391
(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)HORMUTH Wolfgang Alois
7)BODE Andreas
8)KLINGLER Dirk
9)KERN Matthias
10)KOLIOS Grigorios

(57) Abstract :
Process for the production of synthesis gas (3) in which methane and carbon dioxide (2) are introduced into a reaction space (R) and reacted in the presence of a solid (W) at elevated temperatures to give hydrogen and carbon monoxide. Methane and carbon dioxide are passed through a carbon containing granular material (W) and reacted in a high temperature zone (H).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8092/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COIL BODIES HAVING A CERAMIC CORE

(51) International classification :H01F5/02
(31) Priority Document No :10 2011 005 447.2
(32) Priority Date :11/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/054274
Filing Date :12/03/2012
(87) International Publication No :WO 2012/123413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LENEIS Roland
3)THIMM Alfred

(57) Abstract :
The present invention relates to coil bodies (chokes frequency filters) having a ceramic core.

No. of Pages : 36 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.867/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVELOPER STORAGE CONTAINER DEVELOPER STORAGE UNIT PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC IMAGE FORMATION DEVICE

(51) International classification :G03G15/08
(31) Priority Document No :2011155834
(32) Priority Date :14/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068529
Filing Date :13/07/2012
(87) International Publication No :WO 2013/012086
(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)YASUI Kojiro

(57) Abstract :
A developer storage unit equipped with a fixed part (18c) for restricting the movement of a developer bag (16) when a sealing member (19) is moved and the developer bag (16) is unsealed. Accordingly unsealing becomes easier.

No. of Pages : 150 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.889/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR EVALUATING MODULUS OF REPULSION ELASTICITY HARDNESS AND ENERGY LOSS OF POLYMER MATERIAL

(51) International classification	:G01N23/201,G01N3/00,G01N23/202
(31) Priority Document No	:2011240443
(32) Priority Date	:01/11/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/073210 :11/09/2012
(87) International Publication No	:WO 2013/065405
(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)KISHIMOTO Hiroyuki

(57) Abstract :
Provided is a method for evaluating the modulus of repulsion elasticity hardness or energy loss of a polymer material said method having a high measurement accuracy and sufficiently enabling the evaluation of a difference in performance between samples. The present invention relates to a method for evaluating the modulus of repulsion elasticity hardness or energy loss of a polymer material said method comprising irradiating the polymer material with X ray or neutron beam and then conducting X ray scattering measurement or neutron scattering measurement.

No. of Pages : 65 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2013

(21) Application No.9303/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FEED SECTION OF A SEPARATION COLUMN

(51) International classification :B01D3/32
(31) Priority Document No :11171454.9
(32) Priority Date :27/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/FI2012/050661
Filing Date :26/06/2012
(87) International Publication No :WO 2013/001162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TAMMINEN Esa

(57) Abstract :
The present invention relates to a feed distribution device in separation columns and a method of operation. In particular it relates to distillation columns in which the feed stream is substantially liquid phase or a mixture of gas and liquid upstream of the column but where the feed vaporizes or vaporizes prior to or as it enters the column. More specifically the feed distribution device contains a plurality of opening which allow the feed to vaporize prior to or as it enters the column and where the openings are maintained in critical condition during operation. Significant advantage is achieved through the implementation and use of the present feed distribution devices.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.891/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CONVEYING AND PROCESSING APPARATUS

(51) International classification :B23P19/00,B23P21/00,B62D65/18
(31) Priority Document No :2011246092
(32) Priority Date :10/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/076776
Filing Date :17/10/2012
(87) International Publication No :WO 2013/069420
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAMEI Masatsugu

(57) Abstract :
A conveying dolly (1) is provided with: a vehicle type information storing unit (21) for car bodies (B) that are loaded thereon; a current position information acquiring means (26) for sensing the current position of the conveying dolly (1); and an information transmitting means for transmitting the vehicle type information and current position information to a ground control device (16). The ground control device (16) is provided with: an information storing unit (29) for vehicle type specific spray nozzle control in which the current position of the conveying dolly when controlling the automated coating machine (6) is set and stored for each type of car body (B); and a comparison operation control unit (30) that transmits a control signal to the automated coating machine (6). Said control unit (30) compares the information stored in the storing unit (29) and the type specific information and current position information received from the conveying dolly (1) that is about to pass through the position of the automated coating machine (6) and controls the automated coating machine (6) as given in the information stored in the storing unit (29) according to the current position of the conveying dolly (1).

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.934/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR PREPARING (HYDROXYMETHYL)POLYSILOXANES

(51) International classification :C08G77/14
(31) Priority Document No :10 2011 080 900.7
(32) Priority Date :12/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/064055
Filing Date :18/07/2012
(87) International Publication No :WO 2013/023863
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WACKER CHEMIE AG
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(72)**Name of Inventor :**
1)HOFFMANN Florian
2)STOHRER J¼rgen

(57) Abstract :
The invention relates to a method for preparing (hydroxymethyl)polysiloxanes having pendant hydroxymethyl groups of general formula (I) in which silanol containing organosiloxanes of general formula (II) are reacted with cyclic or acyclic compounds which comprise at least one unit of general formula (III) wherein R R R Q Q X Y k m p q o s r n a t and y can have the meanings as defined in claim 1. The invention further relates to (hydroxymethyl)polysiloxanes having pendant and terminal hydroxymethyl groups.

No. of Pages : 51 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.744/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TURBINE

(51) International classification :F01D11/08
(31) Priority Document No :2011204138
(32) Priority Date :20/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073831
Filing Date :18/09/2012
(87) International Publication No :WO 2013/042660
(61) Patent of Addition 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)KUWAMURA Yoshihiro
2)MATSUMOTO Kazuyuki
3)OYAMA Hiroharu
4)TANAKA Yoshinori
5)MATSUO Asaharu

(57) Abstract :
In this turbine (1) with regards to the distal end portion of a blade (50) or a portion of the partition plate outer ring (11) corresponding to the distal end portion of the blade (50) a step portion (52) having a step surface (53) is provided to one of the portions so as to protrude towards the other. A seal fin (15) extending out with respect to the step portion (52) and forming a minute gap (H) with respect to the step portion (52) is provided to the other portion. A cavity (C) forming a principal vortex is formed on the upstream side of the seal fin (15). The step portion (52) facing the seal fin (15) bulges out that the principal vortex forms a counter vortex. The cavity (C) is formed so that the axial direction width dimension (W) and the radial direction height dimension (D) satisfy the following formula (1). (1): $0.45 = D/W = 2.67$

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.776/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ATOMIZING DEVICE

(51) International classification :B01F7/16,A23L1/00,B01F3/08
(31) Priority Document No :2011179734
(32) Priority Date :19/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070841
Filing Date :16/08/2012
(87) International Publication No :WO 2013/027650
(61) Patent of Addition 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)KAMIYA Tetsu

(57) Abstract :
The present invention proposes a rotor/stator type mixer which is provided with a stator that is provided with a plurality of openings and a rotor disposed with a prescribed gap opened on the inside of the stator wherein said mixer can improve shearing stress applied to a fluid to be processed and exhibit higher performance and further said mixer can change and adjust the shearing stress applied to the fluid to be processed and change and adjust the manner in which the fluid to be processed flows. The rotor which is disposed with a prescribed gap opened on the inside of the stator which is provided with the plurality of openings is provided with a rotor peripheral wall that faces the inside of the stator peripheral wall where the prescribed gap is opened on the inside in the direction of the diameter of the peripheral wall of the stator in which the plurality of openings is formed and also a plurality of rotor openings are formed in the rotor peripheral wall.

No. of Pages : 99 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013

(21) Application No.8575/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CURRENT BUFFER

(51) International classification :H03F1/22,H03F3/45
(31) Priority Document No :13/107754
(32) Priority Date :13/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037134
Filing Date :09/05/2012
(87) International Publication No :WO 2012/158431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KIM Namsoo
2)BURKE Joseph Patrick

(57) Abstract :
A current filtering current buffer amplifier includes: a first port and a second input port configured to be coupled to and receive input current; a first output port and a second output port configured to be coupled to and provide current to a load; a buffer configured to transfer the received input current to the first and second output ports as an output current the buffer having an input impedance and an output impedance where the output impedance is higher than the input impedance the buffer including first and second amplifiers the first amplifier being a common mode feedback amplifier; and a filter coupled to the first and second input ports and coupled to the first and second amplifiers the filter having a complex impedance and being configured to notch filter the received input current.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.783/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : FAN MOTOR

(51) International classification :H02K5/10
(31) Priority Document No :2012013943
(32) Priority Date :26/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/051767
Filing Date :28/01/2013
(87) International Publication No :WO 2013/111903
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HIROSAWA Kiyoshi
2)YAMAMOTO Toshihiro

(57) Abstract :
This fan motor (1) has: a stator (6); a rotor (4) with a rotary shaft (22); a cover section (8) and a bracket (2) that liquid tightly surround the stator (6) and the rotor (4) entirely except for the top end of the rotary shaft (22); and a fan member (10) that is fixed to the top end of the rotary shaft (22). An insertion hole (42) is created on the cover section (8) and the bracket (2) in order for the top end of the rotary shaft (22) to be inserted therein with the top end projected to the outside of the cover section (8) and the bracket (2) and a cover section side bearing (44) is provided between the insertion hole (42) and the rotary shaft (22).

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014

(21) Application No.801/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MOLD CLOSING DEVICE

(51) International classification :B29C33/20,B22D17/26,B29C45/66
(31) Priority Document No :2011154131
(32) Priority Date :12/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065888
Filing Date :21/06/2012
(87) International Publication No :WO 2013/008603
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
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(72)**Name of Inventor :**
1)YAMAGUCHI Kazuyuki
2)FUNAHASHI Kazuki
3)HAGURO Nobuyuki

(57) Abstract :
The mold closing device (10) is provided with: a first platen (13) on which a stationary mold (11) is attached; movable molds (12 16) that can be moved so as to touch or separate from the stationary mold (11); a second platen (15) that is linked to the first platen (13) through tie bars (14); and chock members (K1 K2 K3 K4) that are driven into the movable molds (12 16) that have been closed onto the stationary mold (11) and generate a closing force. The second platen (15) has pressure accepting surfaces on which a mold opening force generated by the filling of the molding material into the stationary mold (11) and movable molds (12 16) that have been clamped together acts through the chock members (K1 K4).

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8190/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PYRIMIDINE CYCLOHEXYL GLUCOCORTICOID RECEPTOR MODULATORS

(51) International classification	:A01N43/54,A61K31/505,A61K31/497
(31) Priority Document No	:61/454289
(32) Priority Date	:18/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/029376 :16/03/2012
(87) International Publication No	:WO 2012/129074
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)CORCEPT THERAPEUTICS INC.
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(72)**Name of Inventor :**
1)CLARK Robin
2)HYND George
3)RAY Nicholas
4)SAJAD Mohammad

(57) Abstract :
The present invention provides a class of pyrimidinedione cyclohexyl compounds and methods of using these compounds as glucocorticoid receptor modulators.

No. of Pages : 77 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.893/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TAMPON APPLICATOR

(51) International classification :A61F13/32
(31) Priority Document No :2011167807
(32) Priority Date :29/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/068994
Filing Date :26/07/2012
(87) International Publication No :WO 2013/018655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TANIGUCHI Kenta
2)ITO Yukihiro
3)YAMAKI Kouichi

(57) Abstract :
A tampon applicator (1) comprises: an outer cylinder (2) in which an absorbent body (4) is housed an aperture (8) is disposed on one side thereof wherethrough the absorbent body is extruded and a holding part (7) is disposed on the other side thereof; an inner cylinder (3) which extrudes the absorbent body (4) by moving within the outer cylinder (2); and an auxiliary holding member (10). The auxiliary holding member (10) further comprises a cover part (11) which covers the outer peripheral face of the holding part and a flange part (12) which extends from the outer peripheral face of the cover part toward the outer radial side of the outer cylinder.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2014

(21) Application No.876/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WHEEL ASSEMBLY

(51) International classification :B60G17/00
(31) Priority Document No :13/774,264
(32) Priority Date :22/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)JAY DEVENY
2)DAN S. URSU

(57) Abstract :
A wheel assembly for a vehicle includes a knuckle having an upper end and a lower end. A bracket is mounted to one of the upper end and the lower end of the knuckle. A ball joint is mounted to the bracket and configured for attaching the wheel assembly to the vehicle. One or more pins and/or bolts contained within a respective knuckle bore of the knuckle and a respective bracket bore of the bracket transfers a load between the knuckle and the bracket in both vertical and horizontal directions along a longitudinal axis of the vehicle.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.964/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PNEUMATIC TIRE PRODUCTION METHOD AND PNEUMATIC TIRE

(51) International classification :B29D30/38,B60C9/10
(31) Priority Document No :2011193099
(32) Priority Date :05/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/071466
Filing Date :24/08/2012
(87) International Publication No :WO 2013/035555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ADACHI Yukishige
2)ONISHI Kei

(57) Abstract :
An objective of the present invention is to suppress the occurrence of a defect at the time of vulcanization. A method for producing a pneumatic tire comprises: a carcass ply forming step to cover both surfaces of a code array in which carcass cords are arranged with topping rubber; a step for forming a raw cover including the carcass; and a step for vulcanizing the raw cover. The carcass ply forming step comprises a step for arranging at least on one surface of the carcass ply air absorptive organic fiber cords which are not covered by rubber so that the fiber cords intersect the carcass cords.

No. of Pages : 32 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2014

(21) Application No.986/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WATER TREATMENT SYSTEM

(51) International classification :B01D61/00
(31) Priority Document No :2013-048809
(32) Priority Date :12/03/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NOBUHIRO TSUKADA
2)TADASHI SANO
3)ERI MATSUI

(57) Abstract :
A water treatment system provided with a membrane module 22 for filtering water; a pressure vessel 21 housing the membrane module; a permeated water pipe 23 for discharging permeated water obtained by filtering in the membrane module; a feed water pipe 20 being provided with a plurality of the pressure vessels housing the membrane module, and connecting in parallel the pressure vessels in order to supply feed water to be filtered to each of the membrane module housed in each of the plurality of the pressure vessels; a flow regulation means 25 regulating a flow rate of permeated water flowing through the permeated water pipe, provided at the permeated water pipe, and controlled based on ion concentration in remainder of the feed water supplied to the pressure vessels, the remainder of the feed water being discharged without being filtered.

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

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

(21) Application No.986/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ALARM VISUALIZATION

(51) International classification :G05B23/02,G05B13/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/063803
Filing Date :11/08/2011
(87) International Publication No :WO 2013/020596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TIMSJ– Susanne
2)AZHAR Saad
3)PEI BREIVOLD Hongyu

(57) Abstract :
The present invention relates to a method and device of controlling an industrial process. The method comprises the steps of monitoring a plurality of values of at least one physical property of the industrial process to be controlled and determining whether the respective value of the at least one physical parameter deviates from a nominal value. Further the method comprises the step of displaying on a display screen in chronological order current state of the at least one physical property over time which current state reflects the deviation of the respective value from the nominal value. Finally the method comprises the steps of providing on the display screen when a user selects one of the current states detailed information pertaining to the selected state and controlling the industrial process on the basis of the detailed information.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.841/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMPROVED ELECTRICAL CONFIGURATION FOR A VIBRATING METER

(51) International classification :G01F15/18,G01F1/84,G01N9/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/043156
Filing Date :07/07/2011
(87) International Publication No :WO 2013/006177
(61) Patent of Addition 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)WERBACH Christopher A.
2)SAMSON Allan L.

(57) Abstract :
A sensor assembly (200) for a vibrating meter (50) is provided. The sensor assembly (200) includes one or more conduits (103A 103B). The sensor assembly (200) also includes one or more sensor components including one or more of a driver (104) a first pick off sensor (105) and a second pick off sensor (105) coupled to the one or more conduits (103A 103B). A flexible circuit (201) can be provided that includes a body (202) and one or more sensor component flexures (210 212). The one or more sensor component flexures can extend from the body (202) and be coupled to a sensor component (104 105 105) of the one or more sensor components.

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

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

(21) Application No.8410/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COMPOSITION AND METHOD FOR ENHANCING THE PHYSICAL STABILITY OF AGRICULTURAL OIL BASED SUSPENSION FORMULATIONS

(51) International classification :A01N25/00
(31) Priority Document No :2011902298
(32) Priority Date :10/06/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000661
Filing Date :08/06/2012
(87) International Publication No :WO 2012/167321
(61) Patent of Addition 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)SAYLIK Dilek
3)BROWN Rowan
4)VAN DER SANDE Karen
5)BOHUN Robert E.

(57) Abstract :
An agricultural oil based suspension formulation comprising an active ingredient suspended in finely divided form in an oil and at least one unsaturated rubber type copolymer or a mixture thereof wherein the rubber type copolymer comprises at least styrene as a residue.

No. of Pages : 49 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.968/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : USE OF THICKENING AGENTS AS POLYURETHANE AMINE CATALYST DILUENTS

(51) International classification :C08G18/20
(31) Priority Document No :61/522349
(32) Priority Date :11/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050273
Filing Date :10/08/2012
(87) International Publication No :WO 2013/023125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHAVEZ Jennifer
3)RODRIGUEZ Frank
4)GRIGSBY JR. Robert A.
5)WHITCOMBE Gwynne
6)RIDGWAY,DONALD (DECEASED)

(57) Abstract :
The present disclosure relates to an amine catalyst composition for producing polyurethane foam. The amine catalyst composition includes an amine catalyst and a diluent containing a thickening agent and water. The use of such a diluent in place of conventional glycols reduces raw material and processing costs as well as environmental concerns during the production of polyurethane foam.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.865/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CHLORINATED PROPENES

(51) International classification :C07C17/06,C07C19/01,C07C17/20
(31) Priority Document No :61/515957
(32) Priority Date :07/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049203
Filing Date :01/08/2012
(87) International Publication No :WO 2013/022676
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FISH Barry
3)LAITAR David Stephen

(57) Abstract :
Processes for the production of chlorinated propenes are provided. The present processes make use of a feedstock comprising 1 2 3 trichloropropane and chlorinates the 1 1 2 3 tetrachloropropane generated by the process prior to a dehydrochlorination step. Production of the less desirable pentachloropropane isomer 1 1 2 3 3 pentachloropropane is thus minimized. The present processes provide better reaction yield as compared to conventional processes that require dehydrochlorination of 1 1 2 3 tetrachloropropane prior to chlorinating the same. The present process can also generate anhydrous HCl as a byproduct that can be removed from the process and used as a feedstock for other processes while limiting the production of waste water thus providing further time and cost savings.

No. of Pages : 24 No. of Claims : 13

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

(21) Application No.9696/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR DETECTING THE WIDTH AND POSITION OF DOCUMENTS USING IMAGE INFORMATION IN A LARGE FORMAT SCANNER SYSTEM

(51) International classification :H04N1/00
(31) Priority Document No :10 2011 101 725.2
(32) Priority Date :16/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001940
Filing Date :05/05/2012
(87) International Publication No :WO 2012/156036
(61) Patent of Addition 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)SCH–LPEN Burkhard

(57) Abstract :
The invention relates to a method for identifying the width and position of documents (4) in a large format scanner system (1) using recorded image information wherein the scanner system (1) has image capture elements (2) for recording the image information an optical system (3) arranged upstream thereof and a reflector (5) arranged opposite the image capture elements (2) having the following steps: 51 the recorded image information is preprocessed in order to reduce faults as a result of soiling of the optical system (3) and the reflector (5) 52 horizontal and/or vertical transition regions (12 13) from the reflector (5) to the document (4) are subjected to coarse identification and 53 horizontal and/or vertical document edges (10 11) within the transition regions (12 13) detected by the coarse identification as per step S2 are subjected to fine identification.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2014

(21) Application No.991/CHE/2014 A
(43) Publication Date : 10/10/2014

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

(51) International classification :C07C37/00
(31) Priority Document No :10 2013 203 753.8
(32) Priority Date :05/03/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KRUGER, BENNO
2)FLEISCHMANN, GERALD
3)PETERSEN, HERMANN

(57) Abstract :
Process for the preparation of hydroxytyrosol Abstract The invention relates to a process for the preparation of hydroxytyrosol, wherein a compound of the general formula (1) where X is CH2OH or CH2OM (M = Li, Na, K, Mg, Ca) , Rx and R2 are identical or different and are alkyl radical having 1 to 8 carbon atoms, benzyl radical, alkyl- or halogen-substituted benzyl radical or arylalkyl radical, where Ri and R2 can also be linked via to give a ring, R3, R4, R5 and R6 are identical or different and are hydrogen or alkyl radical having 1 to 6 carbon atoms, aryl radical, alkyl-substituted aryl radical, where R5 and R6 can also be linked via -(CH2)4-, -(CH2)5- or -(CH2)6 to give a ring, is reacted with an aluminum compound of the formula (2) A1R7R8R9 (2) where R7, Re and Rg are identical or different and are H or alkyl radical having 1 to 8 carbon atoms, and then an aqueous solution of a hydroxycarboxylic acid is added in an amount such that a clear homogeneous acidic solution with a pH < 3 is formed, hydroxytyrosol is extracted from this aqueous clear homogeneous acidic solution with the help of an organic solvent and the organic solvent is removed.

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

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

(21) Application No.9243/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : GAS LIFT KICKOVER SYSTEM

(51) International classification :E21B23/03
(31) Priority Document No :11172157.7
(32) Priority Date :30/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/062698
Filing Date :29/06/2012
(87) International Publication No :WO 2013/001062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HALVORSEN Helge

(57) Abstract :
The present invention relates to a valve changing system (1) for retrieving and installing a valve (2) in a well (3). The valve changing system comprises a tool string comprising a retrieving tool (4) for taking out the valve comprising a housing (5) and an arm (6) pivotally connected with the housing said arm having a connector (7) for connection to the valve and an installation tool (9) for installing another valve connected with the retrieving tool forming a tool string (8) the installation tool comprising a housing (10) and an arm (11) which is pivotally connected with the housing and has a connector (12) for connection to another valve a driving tool (13) connected with the installation tool and the retrieving tool for providing an axial movement in order to install or retrieve the valve and a leak detection device (14) for detecting temperature and/or acoustic variations the leak detection device being arranged in one end of the tool string. Furthermore the invention relates to a valve changing method.

No. of Pages : 29 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.969/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : NON AQUEOUS ELECTROLYTE AND ELECTRICITY STORAGE DEVICE USING SAME

(51) International classification :H01M10/0567,C07C309/65,C07C69/38
(31) Priority Document No :2011-176589
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070098
Filing Date :07/08/2012
(87) International Publication No :WO 2013/024748 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)SHIMAMOTO Kei

(57) Abstract :
Provided is a non aqueous electrolyte enabling an increase in electrochemical properties across a wide range of temperatures such as low temperature cycle properties and post high temperature storage low temperature discharge properties; also provided is an electricity storage device using same. The present invention is (1) a non aqueous electrolyte in which electrolyte salts are dissolved in a non aqueous solvent and which contains 0.001 10 mass% of a compound represented by general formula (I) and (2) an electricity storage device which is provided with a non aqueous electrolyte provided with a cathode an anode and a non aqueous electrolyte in which electrolyte salts are dissolved in a non aqueous solvent wherein the non aqueous electrolyte is the non aqueous electrolyte described in (1). (In the formula Y represents a C(=O) group or a S(=O) group R and R each independently represent an aryl group having 6 10 carbons and in which at least one hydrogen atom is substituted by a halogen atom or a benzenediyl group or a cycloalkanediyl group having 5 12 carbons and in which R and R are bonded. R represents C(R) (R) or L R and R each independently represent a hydrogen atom a halogen atom or an alkyl group having 1 4 carbons and L represents a divalent linking group having 1 6 carbons and which is optionally substituted with an halogen atom.

No. of Pages : 88 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.857/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESSING UNIT HAVING CONDENSER AND FULLY AUTOMATIC GRAVURE PLATEMAKING PROCESSING SYSTEM USING SAME

(51) International classification :C25D21/18,B41C1/18,B41N1/06
(31) Priority Document No :2011267471
(32) Priority Date :07/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/081489
Filing Date :05/12/2012
(87) International Publication No :WO 2013/084929
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHIGETA Tatsuo

(57) Abstract :
Provided are: a processing unit that has a condenser and that is caused to be able condense and reuse as processing liquid a processing liquid that is in a mist state having been vaporized during platemaking processing at the processing unit in a fully automatic gravure platemaking processing system; and the fully automatic gravure platemaking processing system using the processing unit having a condenser. The processing unit having a condenser is used in a fully automatic gravure platemaking processing system that subjects a roll to be platemade to a series of processes to result in a platemade roll and includes: a processing tank; a chuck means for holding a gravure cylinder within the processing tank; an intake opening for intaking gas and provided at a portion of the processing tank; an exhaust opening for exhausting gas and provided at a portion of the processing tank; a condenser provided between the processing tank and the exhaust opening; and a processing liquid return tube for returning the processing liquid that from the exhaust gas has been liquefied by the condenser to the processing tank.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.952/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : VACCINE COMPOSITION WITH ALUMINIUM HYDROXIDE NANOPARTICLES

(51) International classification :A61K39/39
(31) Priority Document No :1156398
(32) Priority Date :13/07/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/051648
Filing Date :12/07/2012
(87) International Publication No :WO 2013/007956
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEBEAU Bndicte
3)VALTCHEV Valentin
4)PATARIN Jo«l
5)GARINOT Marie
6)HAENSLER Jean
7)SAUZEAT Elisabeth

(57) Abstract :
A vaccine composition comprising at least one antigen and one adjuvant characterized in that the adjuvant comprises sterile filterable nanoparticles comprising pseudo boehmite and polyacrylate.

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

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

(21) Application No.9742/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : COLD ROLLED STEEL PLATE COATED WITH ZINC OR A ZINC ALLOY METHOD FOR MANUFACTURING SAME AND USE OF SUCH A STEEL PLATE

(51) International classification :C21D1/20
(31) Priority Document No :PCT/FR2011/000331
(32) Priority Date :07/06/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/000150
Filing Date :17/05/2012
(87) International Publication No :WO 2012/168567
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MBACKE Papa Amadou Mactar
2)MOULIN Antoine

(57) Abstract :
The invention relates to a TRIP steel plate which is cold rolled and annealed which is formable and which has improved weldability the strength of which is between 780 and 900 MPa and the elongation at break of which is greater than 19% wherein the composition thereof includes the contents being expressed in weight percent: 0.17% = C = 0.25% 1.5% = Mn = 2% 0.5% = Si = 1% and 0.5% = Al = 1.2% it being understood that Si +Al = 1.30% the remainder of the composition consisting of iron and unavoidable impurities resulting from the production the microstructure of the steel plate consisting of 65 85% of iron 15 35% of islands of residual martensite and austenite the mean size of said islands of residual martensite and austenite being less than 1.3 micrometers and the mean form factor thereof being less than 3

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2014

(21) Application No.788/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS

(51) International classification :G06F
(31) Priority Document No :2006-004106
(32) Priority Date :11/01/2006
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2007/50622
Filing Date :11/01/2007
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :4161/CHENP/2008
Filed on :11/01/2007

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(72)**Name of Inventor :**
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2)MURAYAMA, KAZUNARI
3)NITTANI, SUSUMU
4)NUMAGAMI, ATSUSHI

(57) Abstract :
A process cartridge is detachably mountable to a main assembly of an electrophotographic image forming apparatus. The cartridge includes an electrophotographic photosensitive drum, a developing roller, a drum unit containing the drum, a developing unit containing the roller and being movable so the roller contacts and is spaced from the drum, and a first force receiver receiving a force from a main-assembly first force applier by movement of a door from open to closed positions when mounting the cartridge and a second force receiver movable from a stand-by position by movement of the first force receiver by a force received from the first force applier. The second force receiver takes a projected position receiving a force from the second force applier to move the developing unit so the roller moves out of contact with the drum, the projected position being higher than the stand-by position.

No. of Pages : 158 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.871/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : MAGNESIUM DICHLORIDE ETHANOL ADDUCTS AND CATALYST COMPONENTS OBTAINED THEREFROM

(51) International classification :C08F10/02,C08F4/654
(31) Priority Document No :11176788.5
(32) Priority Date :08/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065047
Filing Date :01/08/2012
(87) International Publication No :WO 2013/020876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GADDI Benedetta
3)COLLINA Gianni

(57) Abstract :
Solid adducts comprising MgCl and an alcohol ROH in which R is a C1 C20 hydrocarbon group in which the amount of alcohol ranges from higher than 42% to 60% by weight and the porosity determined with Hg method due to pores up to 1 μm and expressed in cm/g is such that the value of its ratio with the amount of alcohol in percentage falls above the straight line defined by the equation y= 0.0158x+ 1.03 in which y is the porosity of the adduct and x is the alcohol percentage by weight.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.935/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : OPTICAL RETARDATION FILM AND METHOD OF MANUFACTURING

(51) International classification :G02B1/04,G02B5/30
(31) Priority Document No :61/522868
(32) Priority Date :12/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049812
Filing Date :07/08/2012
(87) International Publication No :WO 2013/025397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FOLKENROTH Jason J.
3)BAUMANN Michael

(57) Abstract :
Cellulose derivative optical retardation film with suitable birefringent characteristics to enhance wide view performance upon use in liquid crystal devices (LCD) especially in vertically aligned (VA) type LCDs. Method of manufacturing such a cellulose derivative optical retardation film and its use in a liquid crystal display or an imaging device.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2013

(21) Application No.9302/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SHEET ARTICLE MANUFACTURING APPARATUS

(51) International classification :B41J
(31) Priority Document No :2011151577
(32) Priority Date :08/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004386
Filing Date :05/07/2012
(87) International Publication No :WO 2013/008430
(61) Patent of Addition 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 :
Concave portions filled with particles of high absorbent resin are arranged on an outer side surface of a cylinder part in a circumferential direction. When each concave portion passes an ejection start position lying posterior to the lowermost portion in a rotation direction particles are ejected along a tangent line of the side surface at the ejection start position. A sheet conveying roller is located near the above lowermost portion. Annular grooves facing concave portions are formed on an outer side surface of the roller along a circumferential direction. The roller conveys a sheet member along its side surface so that the sheet member passes near the above lowermost portion. In the sheet member groove portions corresponding to the annular grooves are formed. Since the tangent line intersects with the side surface of the roller it is possible to eject particles into the groove portions and reduce scattering of particles.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.962/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BRANCHED STENT GRAFT DEVICE AND DEPLOYMENT

(51) International classification :A61F2/06
(31) Priority Document No :61/524256
(32) Priority Date :16/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050816
Filing Date :14/08/2012
(87) International Publication No :WO 2013/025727
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOVEKAMP Joshua J.
3)NILSON Michael D.
4)SHAW Edward E.

(57) Abstract :
A device (10) for treating disease along a main vessel and at least one branch vessel extending from the main vessel includes a branch member (200 202) for deployment in the branch vessel the branch member having a branch lumen; and a main body (100) for deployment in the main vessel. The main body has a generally tubular wall (106) extending generally longitudinally between opposite first and second ends. The wall has an internal surface defining a main lumen and an opposite outer surface. The wall has a recessed portion (120) that is recessed relative to the outer surface of the wall and positioned between the first and second ends of the main body. The main body has an opening (130) formed in the recessed portion of the wall for receiving the branch member therethrough such that the branch lumen is in fluid communication with the main lumen.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7273/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : BASE STATION APPARATUS MOBILE STATION APPARATUS COMMUNICATION SYSTEM TRANSMISSION METHOD RECEPTION METHOD AND COMMUNICATION METHOD

(51) International classification	:H04W28/06,H04W92/10,H04J11/00
(31) Priority Document No	:2011027076
(32) Priority Date	:10/02/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/052490 :03/02/2012
(87) International Publication No	:WO 2012/108349
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
In a wireless communication system constituting a heterogeneous network the interference between cells is efficiently reduced or suppressed. In a wireless communication system in which a base station apparatus communicates with a mobile station apparatus the base station apparatus notifies the mobile station apparatus of control information that is related to a cell specific reference signal specific to the cell ID of another base station apparatus and that includes information of the number of ports of the cell specific reference signal.

No. of Pages : 119 No. of Claims : 21

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

(21) Application No.792/CHE/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CALIBRATION METHOD AND CALIBRATION MODULE THEREOF FOR VIBRATION DEVICE

(51) International classification :G01H
(31) Priority Document No :61/767,287
(32) Priority Date :21/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)CHENG CHUN-YUAN
3)CHENG CHIN-YUAN

(57) Abstract :
A calibration method for a vibration module includes transmitting a plurality of vibration signals corresponding to a plurality of vibration frequencies to the vibration module and detecting a plurality of input currents or input power levels of the vibration module corresponding to the plurality of vibration frequencies; and determining a vibration point of the vibration module according to the plurality of input currents or input power levels.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.866/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING DIFFERENTIAL FLOW CHARACTERISTICS OF A MULTIPLE METER FLUID FLOW SYSTEM

(51) International classification :G01F1/84
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/043132
Filing Date :07/07/2011
(87) International Publication No :WO 2013/006171
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HAYS Paul J.

(57) Abstract :
A fluid flow system (300) is provided. The fluid flow system (300) includes a pipeline (302) with a flowing fluid. The fluid flow system (300) further includes a first vibrating meter (5) including a first sensor assembly (10) located within the pipeline (302) and configured to determine one or more flow characteristics including a first flow rate. A second vibrating meter (5) including a second sensor assembly (10) located within the pipeline (302) is provided that is in fluid communication with the first sensor assembly (10) and configured to determine one or more flow characteristics including a second flow rate. The fluid flow system (300) further includes a system controller (310) in electrical communication with the first and second vibrating meters (5 5). The system controller (310) is configured to receive the first and second flow rates and determine a differential flow rate based on the first and second flow rates. The system controller (310) is further configured to compare the differential flow rate to a threshold value or band and correct one or more flow characteristics if the differential flow rate is less than a threshold value or band.

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

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

(21) Application No.9951/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND DEVICE FOR REACTIVATING EXHAUST GAS PURIFICATION SYSTEMS OF DIESEL ENGINES WITH LOW PRESSURE EGR

(51) International classification :F01N3/035
(31) Priority Document No :102011107692.5
(32) Priority Date :13/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/062138
Filing Date :22/06/2012
(87) International Publication No :WO 2013/007497
(61) Patent of Addition 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 :Rodenbacher Chaussee 4 63457 Hanau Wolfgang Germany
(72)**Name of Inventor :**
1)ECKHOFF Stephan
2)FRANOSCHEK Stefan

(57) Abstract :
The invention relates to a method for reactivating a system composed of an oxidation catalytic converter (5) followed by a possibly catalytically coated particle filter (6) and to a correspondingly adapted exhaust gas purification system for lean burn engines (1) with low pressure EGR (14). The present invention relates in particular to the reactivation of such a system during overrun operation of the engine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.882/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PERSONALIZED NUTRITIONAL AND WELLNESS ASSISTANT

(51) International classification :A61B5/00
(31) Priority Document No :61/505877
(32) Priority Date :08/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045657
Filing Date :06/07/2012
(87) International Publication No :WO 2013/009589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GLOBAL NUTRITION & HEALTH INC.
Address of Applicant :P.O. Box SS 19084 Nassau New Providence Bahamas
(72)**Name of Inventor :**
1)OLIVIER Laurence Richard

(57) Abstract :
The invention pertains to the establishment implementation and management of a personalized information system pertinent to a user s general health wellness and/or sport performance. Disclosed is a system capable of transcutaneous measurement of a subject including at least one light source at least one light detector and at least one component for generating or storing at least one value of VC02 or at least one value of V02 from the detected signal. Further disclosed is a portable device for analyzing the composition of the respired gasses of a subject including at least one air flow conduit through which the subject can inspire or expire air through the body of the device at least one sampling portal an oxygen sensor and at least one flow sensor. A dual battery system is also provided by which an uninterrupted power supply can be provided for electronic components.

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

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

(21) Application No.999/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PREDICTION BASED FM STEREO RADIO NOISE REDUCTION

(51) International classification :H04B1/16,G10L19/008
(31) Priority Document No :61/540880
(32) Priority Date :29/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/069323
Filing Date :01/10/2012
(87) International Publication No :WO 2013/045691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOLBY INTERNATIONAL AB
Address of Applicant :Apollo Building 3E Herikerbergweg 1 35 NL 1101 CN Amsterdam Netherlands
(72)**Name of Inventor :**
1)PURNHAGEN Heiko
2)SEHLSTROM Leif
3)ENGDEGARD Jonas

(57) Abstract :
The present document relates to audio signal processing in particular to an apparatus and a corresponding method for improving the audio signal of an FM stereo radio receiver. In particular the present document relates to a method and system for reducing the noise of a received FM stereo radio signal. An apparatus (2) configured to reduce noise of a received multi channel FM radio signal is described wherein the received multi channel FM radio signal is representable as a received mid signal and a received side signal. The apparatus (2) comprises a parameter determination unit (77) configured to determine one or more parameters indicative of a correlation and/or decorrelation between the received mid signal and the received side signal; and a noise reduction unit (79) configured to generate a noise reduced side signal from the received mid signal and not from the received side signal using the one or more parameters.

No. of Pages : 55 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.7993/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHODS AND APPARATUS FOR CONTROLLING INTERFERENCE FROM PEER DISCOVERY IN WWAN

(51) International classification :H04W52/38,H04W52/24
(31) Priority Document No :13/092775
(32) Priority Date :22/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034587
Filing Date :20/04/2012
(87) International Publication No :WO 2012/145724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)WU Xinzhou
2)MURALIDHAR Anand
3)WANG Hua
4)LI Junyi
5)RICHARDSON Thomas J.
6)PATIL Shailesh

(57) Abstract :
A method an apparatus and a computer program product are provided in which at least one of a peer to peer transmit power or a peer to peer duty cycle is adjusted based on at least one of a path loss to a serving base station or a path loss to at least one neighboring base station. In addition a peer to peer signal is sent with the peer to peer transmit power or the peer to peer duty cycle.

No. of Pages : 32 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8522/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYSTEM AND METHOD FOR COMPUTER BASED COLLABORATION INITIATED VIA A VOICE CALL

(51) International classification :H04M7/00,H04L29/06,H04M3/56
(31) Priority Document No :13/089440
(32) Priority Date :19/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034183
Filing Date :19/04/2012
(87) International Publication No :WO 2012/145466
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VOBI INC.
Address of Applicant :18609 Madrone Vista Drive Austin Texas 78738 U.S.A.
(72)**Name of Inventor :**
1)CASTLEMAN Mark
2)MILLER Charles

(57) Abstract :
A method and infrastructure for online collaboration cloud computing in which data collaboration sessions known as peering sessions are automatically triggered by voice telephone calls.

No. of Pages : 66 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.8932/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LEVEL SENSING

(51) International classification :G06F19/00
(31) Priority Document No :13/107584
(32) Priority Date :13/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037490
Filing Date :11/05/2012
(87) International Publication No :WO 2012/158507
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XYLEM IP HOLDINGS LLC
Address of Applicant :1133 Westchester Avenue White Plains New York 10604 U.S.A.
(72)**Name of Inventor :**
1)ESTRADA Jesus

(57) Abstract :
A level sensing circuit board featuring at least one processor and at least one memory including computer program code where the at least one memory and computer program code are configured with the at least one processor to cause the apparatus at least to: respond to a signal containing information related to the electrical conductivity of a material causing a stimulus to a sensing plate that corresponds to a positive plate of a capacitor directly connected to an input of a comparator that forms part of a variable frequency oscillator; and determine a proportional response containing information about the material causing the stimulus to the sensing plate based at least partly on the signal received. The level sensing circuit may be used as a means to turn a pump on or off based on a sensed fluid level.

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.894/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : QUINAZOLINONE ANALOGS AND USE OF QUINAZOLINONE ANALOGS FOR TREATING OR PREVENTING CERTAIN VIRAL INFECTIONS

(51) International classification :C07D239/88,A61K31/517
(31) Priority Document No :61/522859
(32) Priority Date :12/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/050347
Filing Date :10/08/2012
(87) International Publication No :WO 2013/025508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOUTHERN RESEARCH INSTITUTE
Address of Applicant :Office of Commercialization and Intellectual Property 2000 9th Avenue South P.O. Box 55305 Birmingham AL 35205 5305 U.S.A.
2)SANFORD BURNHAM MEDICAL RESEARCH INSTITUTE
(72)**Name of Inventor :**
1)HEIL Marintha L.
2)COSFORD Nicholas D.P.
3)ARDECKY Robert
4)ZOU Jiwen

(57) Abstract :
Provided is a process for treating or preventing a viral infection in a subject wherein the viral infection is from a flavivirus selected from the group consisting of Hepatitis C Virus (genotypes 1 7) and Japanese Encephalitis Virus. The process includes administering to the subject a therapeutically effective amount of at least one compound represented by the formula:(Formula (I))

No. of Pages : 55 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.936/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD FOR MANUFACTURING SHEETS FROM THE STEM OF THE BANANA PLANT AND SHEET PRODUCED BY SUCH A METHOD

(51) International classification :B27L5/02,B27J7/00,B27M1/02
(31) Priority Document No :11 56440
(32) Priority Date :13/07/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/063739
Filing Date :12/07/2012
(87) International Publication No :WO 2013/007803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FIB & CO
Address of Applicant :Habitation Rivi¨re La Manche F 97224 Ducos France
(72)**Name of Inventor :**
1)HAYOT Vladimir
2)CHEMINON Nicolas

(57) Abstract :
The invention relates to a method for manufacturing a sheet from the pseudostem of the banana plant including the steps of: cutting out a beam from a central portion of the pseudostem; cutting leaves from the beam; forming a sheet by assembling the leaves such that the latter overlap over a predetermined width; and pressing the resulting sheet.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.884/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : ORGANIC INORGANIC COMPOSITE AND COMPOSITION FOR FORMING SAME

(51) International classification :C08F2/44,C09D5/00
(31) Priority Document No :2011176258
(32) Priority Date :11/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/005025
Filing Date :08/08/2012
(87) International Publication No :WO 2013/021631
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Nippon Soda Co. Ltd.
Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku Tokyo 1008165 Japan
(72)**Name of Inventor :**
1)YAMATE Taiki

(57) Abstract :
The purpose of the present invention is to provide a polysiloxane based organic inorganic composite that is harder on the surface than internally wherein the organic inorganic composite has high surface hardness an anti Newton ring effect a low haze factor can prevent dazzle and can also have anti glare properties. The organic inorganic composite is prepared using a composition for forming the organic inorganic composite said composition comprising the following components (a c): a) At least one organosilicon compound and/or condensate thereof represented by formula (I) RSix in which the molar ratio (Si1:Si2) is 8:2 10:0. For Si1 the solubility parameter (SP1) of R obtained by Fedors method for estimation is smaller than the solubility parameter (SP2) of an electromagnetic ray curable compound obtained by Fedors method for estimation and the difference is at least 2.0. For Si2 SP1 is smaller than SP2 and the difference is less than 2.0 or SP1 is larger than SP2. b) An electromagnetic ray curable compound. c) Metallic compound particles.

No. of Pages : 58 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2012

(21) Application No.9266/CHENP/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMAGE TRANSMITTING APPARATUS HAVING A SECURITY FUNCTION

(51) International classification :H04N7/18,H04N5/225
(31) Priority Document No :1020100037090
(32) Priority Date :21/04/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/002651
Filing Date :14/04/2011
(87) International Publication No :WO 2011/132884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GUMMI ELECTRONIC CO. LTD
Address of Applicant :3rd Fl 399 7 Shindorim dong Guro gu Seoul 152 887 Republic of Korea
(72)**Name of Inventor :**
1)KIM Myung Hwan

(57) Abstract :
The present invention relates to an image-transmitting apparatus having a security function, and more particularly, to an image-transmitting apparatus in which lamp modules having LED lamps are slidingly coupled to either side of a main body provided with an IP camera. The image-transmitting apparatus having a security function according to the present invention comprises: said main body which is provided with a wireless or wired interface, a speaker, and said IP camera, and either side of which has slide grooves formed in a horizontal direction in the upper and lower portions thereof; and lamp modules having LED lamps, and sliders protruding so as to correspond to the respective slide grooves, such that the sliders are inserted into the respective slide grooves in order to couple the lamp modules to either side of the main body, respectively. The above-described image-transmitting apparatus of the present invention illuminates a wide area, and is configured such that the lamp modules can be easily separated and repaired upon the occurrence of faults in the lamp modules, and the images captured by the camera are clear, as the light emitted by the lamps does not affect the camera.

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

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

(21) Application No.9948/CHENP/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROTECTION DEVICE

(51) International classification :c08g
(31) Priority Document No :VR2011A000135
(32) Priority Date :30/06/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/053302
Filing Date :28/06/2012
(87) International Publication No :WO 2013/001494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAINESE S.P.A.
Address of Applicant :Via dellArtigianato 35 I 36060 Molvena (Vicenza) Italy
(72)**Name of Inventor :**
1)RONCO Luigi

(57) Abstract :
The present disclosure relates to a protection device (1 100) for the protection of a user. The protection device comprises an inflatable member (2 102) in which an internal chamber (3) is defined. The inflatable member (2 102) includes at least one first layer (7 107; 8 108) and one second layer (9 10) overlapped and joined by an adhesive layer (18 20). The adhesive layer includes polyurethane deriving from polycarbonate and/or polyurethane deriving from polyether.

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

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

(21) Application No.988/CHENP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : TURBOCHARGER

(51) International classification :F02B39/14,F01M1/06,F01M1/10
(31) Priority Document No :2011153466
(32) Priority Date :12/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065700
Filing Date :20/06/2012
(87) International Publication No :WO 2013/008591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IHI Corporation
Address of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo 1358710 Japan
(72)**Name of Inventor :**
1)TAKAHASHI Masashige
2)TAKAHASHI Yukio

(57) Abstract :
A turbocharger is provided with semi floating metal (6). The semi floating metal (6) has formed therein a supply opening (61c) for supplying oil to an inner bearing section. The turbocharger is also provided with: an oil supply path (FL) which extends from the inside of a bearing housing (2) to the supply opening (61c) and through which the oil supplied to the inner bearing section is caused to flow; a removal section (RA) which separates minute foreign matter in the oil by changing the direction of flow of the oil which is supplied from the upstream side; and a conveyance path (TA) and a retaining region (SA) which collect the minute foreign matter which has been separated by the removal section (RA) so that the minute foreign matter does not mix again with the oil which flows toward the supply opening (61c).

No. of Pages : 40 No. of Claims : 8

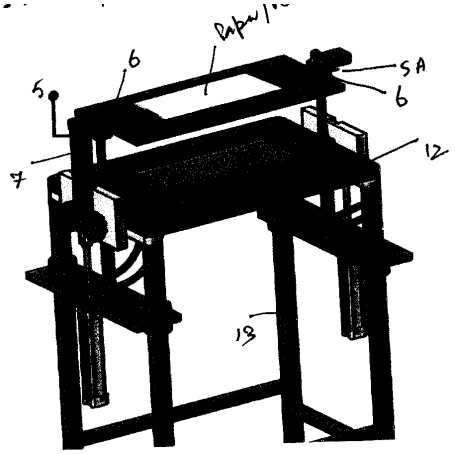
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.355/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : IMPROVED PROCESS AND MACHINE FOR DEPOSITOGRAPHIC MULTICOLOUR PRINTING WITH SINGLE IMPRESSION

(51) International classification	:B41F 15/00	(71)**Name of Applicant :** **1)Chandar Parkash Kant** Address of Applicant :2/23D (2ND FLOOR), VIDYASAGAR UPANIVESH, BAGHA JATIN,KOLKATA-700047 West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :** **1)Chandar Parkash Kant**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	: NA	
Filed on	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
4 = Impression-plate 5 = Square-headed pin 5A = Round-pin 6 = Piston head 7 = Gear-rack 11A = Matrix-plate 11B = Base-plate 12 = Fixed Rectangular-frame 13 = Structure Titled: IMPROVED PROCESS AND MACHINE FOR DEPOSITOGRAPHIC MULTICOLOUR PRINTING WITH SINGLE IMPRESSION and, this invention relates to creation in my Machine of an alternative version of Impression-unit having a fixed Rectangular frame (12) to accommodate a Base-plate (11B) with a Matrix-plate (11A) facing upwards and not downwards as described in the main Patent Application, therefore, the Integrated-linking- components (11) are connected to it from below the Base-plate (11B) and, also having an Impression-plate (4), surface-ground on its both faces with provision to rotate horizontally at 180°, in both directions, for moving up and down over the Matrix-plate (11A) for impression purpose and, to rotate it back at 180° so that paper/board after printing by deposition can be removed to create an alternative Impression-unit which, when interlinked with the main Patent Application mentioned above, not only improves the quantum of output but also reduces man power required to operate the Machine.



No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2013

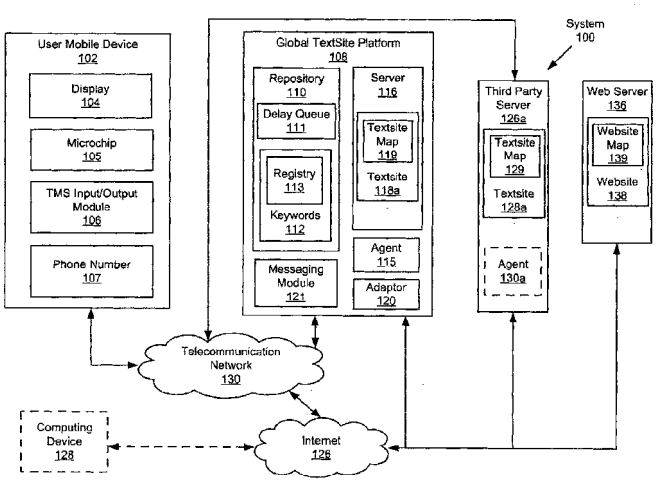
(21) Application No.369/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : METHOD AND SYSTEM FOR TIMEZONE A WARE APPLICATION PROGRAMMING INTERFACE

(51) International classification	:H04W 4/00
(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)INTUIT INC.
Address of Applicant :2632 MARINE WAY MOUNTAIN VIEW, CALIFORNIA 94043 U.S.A.
(72)**Name of Inventor :**
1)CHIKKANNA MANU

(57) Abstract :
A method for sending a message using a platform comprises: receiving, by the platform, a request comprising at least one target, a time, and a content, the time is identifying when the message will be delivered. The method further comprises identifying a time zone of the target, calculating, by the processor, when the time will occur in the time zone of the target to determine a delay, storing the request and the delay, determining that the delay has expired, generating the message for the at least one target wherein a payload in the message is based on the content, and sending, in response to determining, the message to the target.



No. of Pages : 35 No. of Claims : 20

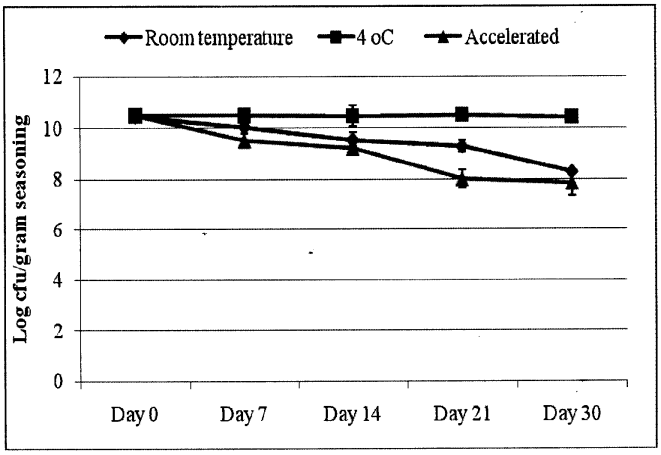
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.393/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SYNBIOTIC SEASONING COMPOSITION AND PROCESS OF PREPARATION THEREOF.

(51) International classification	:A61K 35/00, A61K 36/00	(71)**Name of Applicant :** **1)ITC LIMITED** Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA-700071, West Bengal India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)KALSI, GURPREET**
(33) Name of priority country	:NA	**2)KAUSHAL, DEEPTI;**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A synbiotic seasoning composition comprising a premix of blend of herbs/spices and a synbiotic mixture comprising a prebiotic and a probiotic and combinations thereof is provided. A process of preparing synbiotic composition for seasonings is also provided. The seasoning prebiotic composition is devoid of probiotic bacteria.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014

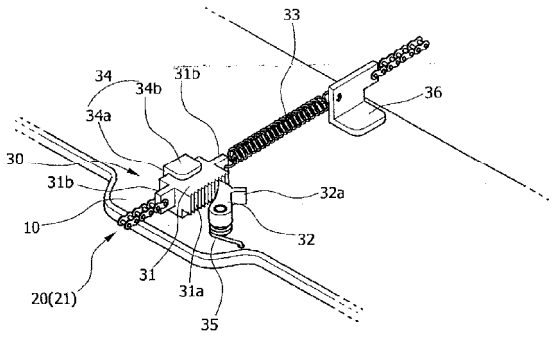
(21) Application No.393/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : AUTOMATIC TENSION ADJUSTMENT DEVICE FOR HOT-HEAT TREATMENT MACHINE

(51) International classification	:B32B 37/00
(31) Priority Document No	:10-2013-0038881
(32) Priority Date	:09/04/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Ceragem Co., Ltd.
Address of Applicant :177-14 OSAEKDANG-RI, SEONGGEO-EUP, SEOBUK-GU, CHEONAN-SI, CHUNGCHEONGNAM-DO, 330-060 Republic of Korea
(72)**Name of Inventor :**
1)LEE, DONG-MYOUNG
2)LEE, SANG-MIN
3)YU, HO-SANG
4)CHOI, SANG-UI

(57) Abstract :
Provided is an automatic tension adjustment device for a hot-heat treatment machine including: a transfer member (10); a power transmission member (20) that is connected to the transfer member (10) and transmits power to the transfer member (10) by a driving means (40); and a tension adjustment means (30) that is mounted on the transfer member (10) and adjusts and maintains tension of the power transmission member. Thus, the present invention proposes an automatic tension adjustment device for a hot-heat treatment machine, whereby a power transmission member for transmitting power to a transfer member is mounted on the transfer member and transmits power to the transfer member, wherein, when a chain, a timing belt, a rope, or a steel wire is used as the power transmission member, if the power transmission member sags or loosens and is released due to the long-term usage of an apparatus, a tension adjustment means pulls the power transmission member to a released length and maintains tension of the power transmission member at a constant level so that transfer work of the transfer member can be smoothly performed, power loss can be reduced, frictional noise caused by the power transmission member or shock noise caused by contact with a floor can be prevented from occurring, and meanwhile, the tension of the power transmission member is prevented from unnecessarily increasing so that shrinkage deformation or twist deformation of a housing of the hot-heat treatment machine can be prevented.



No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.387/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL COMPOSITION RESPIRATORY DISTRESS.

(51) International classification :A61K 36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GHORAI SHATADAL
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2)JANA SWAPAN KUMAR
3)MANNA NAMITA
4)DAS SATYASADHAN
5)PRADHAN SANTOSH KUMAR
(72)**Name of Inventor :**
1)GHORAI SHATADAL
2)JANA SWAPAN KUMAR
3)MANNA NAMITA
4)DAS SATYASADHAN
5)PRADHAN SANTOSH KUMAR

(57) Abstract :
A herbal composition for promoting poultry health and for the prevention and / or treatment of bacterial infection or respiratory distress in poultry; said herbal composition comprises predefined amount of leaves of *Mikania micrantha,* predefined amount of leaves of *Aegle marmelos,* predefined amount of leaves of *Ocimum sanctum,* predefined amount leaves of *Punica granatum* and predefined amount of leaves of *Lablab purpureus.* A method for the preparation of said herbal composition for promoting poultry health and for the prevention and / or treatment of bacterial infection or respiratory distress in poultry is also disclosed. A polutry supplement and medicament for the prevention and / or treatment of bacterial infection or respiratory distress in poultry comprising herbal composition and methods for the preparation thereof are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.356/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : LOW CARBON BORON-ADDED MILD STEEL FOR APPLICATION IN NUCLEAR REACTORS AND THE PROCESS OF MANUFACTURING THEREOF

(51) International classification :C22C 38/00
(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)STEEL AUTHORITY OF INDIA LIMITED
Address of Applicant :RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002,JHARKHAND,INDIA
(72)**Name of Inventor :**
1)PRASAD JWALA
2)KUMAR VINOD
3)DEVA ANJANA
4)DAS NIRMAL KUMAR
5)SAXENA ATUL

(57) Abstract :
The present invention relates to Boron-added mild steel, and more particularly to mild steel which is capable of shielding against the effect of both gamma rays and neutrons, it also lowers the cost of production in comparison to boron-added stainless steel, has tensile strength in the range of 450 to 525 MPa and shows martensitic/ bainitic phases.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.392/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL COMPOSITIONS AND MEDICAMENTS ACTIVITY.

(51) International classification	:A61K 36/00	(71)**Name of Applicant :** **1)MAHATA JATINDRANATH** Address of Applicant :G.P. CHATRI 5 NO., VILL: JORIDIHA, P.O. CHUNPARA, DIST: PASCHIM MEDINIPUR, PIN: 721135, WEST BENGAL, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :** **1)MAHATA JATINDRANATH**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A herbal composition for treatment of wounds associated with Foot-and-Mouth Disease; said herbal composition comprises predefined amount of *Barleria prionitis* along with predefined amount of *Azadirachta indica*. Specifically, said composition comprises roots and/or leaves of *Barleria prionitis* along with predefined amount of bark and/or leaves of *Azadirachta indica* or extracts thereof. A medicament comprising the composition of the invention for treatment of treatment of wounds associated with Foot-and-Mouth Disease. Method for the preparation of compositions as well as medicament thereof for treatment wounds associated with Foot-and-Mouth Disease are provided. The said composition is also having insect repellant activity.

No. of Pages : 30 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014

(21) Application No.392/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HYPERTHERMO-THERAPEUTIC APPARATUS-LIFTING AND -LOWERING DEVICE FOR HOT-HEAT TREATMENT MACHINE

(51) International classification	:A47K 13/00
(31) Priority Document No	:10-2013-0038880
(32) Priority Date	:09/04/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Ceragem Co., Ltd.
Address of Applicant :177-14 OSAEKDANG-RI, SEONGGEO-EUP, SEOBUK-GU, CHEONAN-SI, CHUNGCHEONGNAM-DO, 330-060 Republic of Korea
(72)**Name of Inventor :**
1)LEE, DONG-MYOUNG
2)LEE, SANG-MIN
3)YU, HO-SANG
4)CHOI, SANG-UI

(57) Abstract :
Provided is a Hyperthermo-therapeutic apparatus-lifting and -lowering device for a hot-heat treatment machine including: a base plate (210) that moves inside the hot-heat treatment machine (100); a lifting and lowering member (230, 230-1) provided on the base plate (210); and an elastic member (254, 256, 356) positioned between the base plate (210) and the lifting and lowering member (230). A massage and hot-heat treatment effect can be achieved while Hyperthermo-therapeutic apparatuses are lifted and lowered according to a user's body type.

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

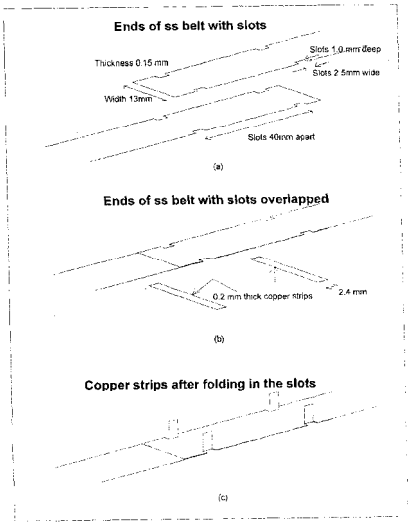
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2013

(21) Application No.370/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : 'AN IMPROVED PROCESS OF IN-SITU JOINNING OF DAMAGED ENDLESS STAINLESS STEEL BELTS FOR TRANSPORTING WAFER CARRIER INTO A VACUUM DEPOSITION CHAMBER'

(51) International classification	:B25B 7/00	(71)**Name of Applicant :** **1)BHARAT HEAVY ELECTRICALS LIMITED** Address of Applicant :REGION CAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI FORT, NEW DELHI - 110049, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number Filing Date	:NA :NA	**1)DR. ANIL KUMAR SAXENA** **2)MANISH PATHAK**
(62) Divisional to Application Number Filing Date	:NA :NA	**3)SUSHEEL KUMAR SHARMA**

(57) Abstract :
The invention relates to an improved process of in-situ joining of damaged endless stainless steel belts or making new for transporting wafer carrier into a vacuum deposition chamber, the transport belt encompassing at least one powered roller and an idle roller located at space-apart positions on the transport assembly and provided with at least two tensioners of different diameter distantly positioned, the method comprising the steps of passing a piece of stainless steel tape over the running rollers including the tensioners and firmly holding the piece by a plier when overlapping the tape; marking the ss tape with a permanent marker such that it overlaps at least about 5 cm; removing the marked piece from the transport assembly and holding between two wooden pieces in a vice so that only 1 mm of the tap gets exposed out of the vice; constructing at least four slots of 2.5mm width and 1 mm depth on the exposed portion of the tape; preparing equivalent number of copper strips of about 2.4 mm width cut from a copper sheet and wound around the tape in said slots; and soldering the copper strip joints, and allow the repaired belt to operate on the transport system.



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

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

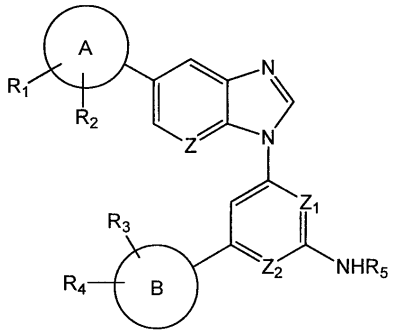
(21) Application No.382/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : PROTEIN KINASE INHIBITORS

(51) International classification	:C07D 471/00
(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)ORION CORPORATION
Address of Applicant :ORIONINTIE 1 FI-02200 ESPOO, FINLAND
(72)**Name of Inventor :**
1)RAJAGOPALAN, SRINIVASAN
2)APPUKUTTAN, PRASAD
3)NARASINGAPURAM ARUMUGAM, KARTHIKEYAN
4)UJJINAMATADA, RAVI KOTRABASAIAH
5)GEORGE, SHYLA

(57) Abstract :
A compound of formula (I) wherein R1 to R5, A, B, Z, Z1 and Z2 are as defined in the claims, and pharmaceutically acceptable salts thereof are disclosed. The compounds of formula (I) possess utility as FGFR inhibitors and are useful in the treatment of a condition, where FGFR kinase inhibition is desired, such as cancer.



No. of Pages : 90 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.390/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL COMPOSITIONS, POULTRY SUPPLEMENTS AND MEDICAMENTS THEREOF; FOR PROMOTING POULTRY HEALTH AND / OR TREATMENT OF WORM INFESTATIONS

(51) International classification	:A61K 36/00	(71)**Name of Applicant :** **1)MAITY KARTIK CHANDRA** Address of Applicant :G.P. GARBARI 1, P.O.+ VILL: TIORKHALI, DIST: PURBA MEDINIPUR, PIN: 721655, WEST BENGAL, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :** **1)MAITY KARTIK CHANDRA**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A herbal composition for promoting poultry health or for the prevention and / or treatment of worm infestation in poultry; said herbal composition comprises predefined amount of *Mikania micrantha, Physalis minima* and *Moringa oleifera.* Specifically, said composition comprises leaves of *Mikania micrantha* along with predefined amount of leaves of *Physalis minima* and predefined amount of leaves of *Moringa oleifera or extracts thereof. A* medicament comprising the composition of the invention for prevention and / or treatment of worm infestation in poultry. A poultry supplement for promoting poultry health comprising the composition of the invention for prevention and / or treatment of worm infestation in poultry. Method for the preparation of herbal compositions, poultry supplement for promoting poultry health as well as medicament thereof for prevention and / or treatment of worm infestation in poultry.

No. of Pages : 29 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2011

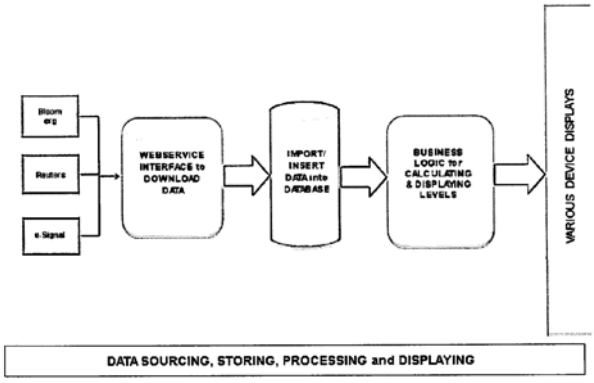
(21) Application No.1290/KOL/2011 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR PROVIDING HISTORICAL MARKET DATA TO USERS ON A COMPUTER, MOBILE OR HANDHELD DEVICE

(51) International classification :G06Q40/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SARAF, SHAILESH
Address of Applicant :7A, DIMPLE COURT, 26, SHAKESPEARE SARANI, KOLKATA-700017 WEST BENGAL INDIA
(72)**Name of Inventor :**
1)SARAF, SHAILESH

(57) Abstract :
The present invention relates to a system and method for providing historical market data in a ladder-like display to users accessing the same through a computer, mobile or handheld device. The method involves the steps of: (a) choosing the financial instrument; (b) inputting the price for which the probable upward and/or downward price points is sought; (c) checking either or all of the time range boxes; (d) choosing the parameter of displaying the results in the ladder in terms of price or date; (e) aggregating and filtering the information according to the search criteria input by a user; (f) displaying the said aggregated/filtered data and information on said users handheld, mobile or computer device; and (g) displaying the price, period, support/resistance and breakout levels for each field horizontally and (h) presenting to users a single spreadsheet-like view of key price levels for global and correlated commodities, indices, currencies and bonds.



No. of Pages : 85 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.391/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL COMPOSITON AND MEDICAMENT FOR PROMOTING POULTRY HEALTH AND PREVENTION AND/OR TREATMENT OF BACTERIAL INFECTIONS AND RESPIRATORY DISTRESS

(51) International classification	:A61K 36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GHORAI SHATADAL
Address of Applicant :G.P.+ P.O. BRAJALACHAK, P.S.CHANDIPUR, DIST: PURBA MEDINIPUR, PIN: 721659, WEST BENGAL, INDIA
(72)**Name of Inventor :**
1)GHORAI SHATADAL

(57) Abstract :
A herbal composition for promoting poultry health and for the prevention and / or treatment of bacterial infection or respiratory distress in poultry; said herbal compositions comprises predefined amount of *Abroma angusta,* predefined amount of *Emblica officinalis,* predefined amount of *Psidium guajava* and predefined amount of *Mimosa pudica.* A method for the preparation of said herbal composition for promoting poultry health and for the prevention and / or treatment of bacterial infection or respiratory distress in poultry is also disclosed. A polutry supplement and medicament for the prevention and / or treatment of bacterial infection or respiratory distress in poultry comprising herbal composition and methods for the preparation thereof are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014

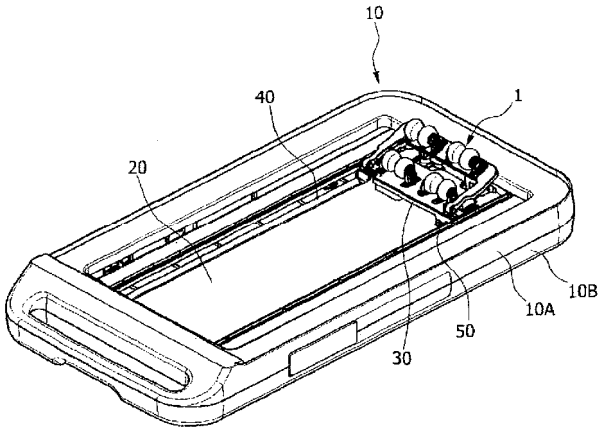
(21) Application No.391/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : THERMOTHERAPY APPARATUS

(51) International classification	:B29C 49/00
(31) Priority Document No	:10-2013-0038883
(32) Priority Date	:09/04/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CERAGEM CO., LTD.
Address of Applicant :177-14 OSAEKDANG-RI, SEONGGEO-EUP, SEOBUK-GU, CHEONAN-SI, CHUNGCHEONGNAM-DO, 330-060 Republic of Korea
(72)**Name of Inventor :**
1)LEE, DONG-MYOUNG
2)LEE, SANG-MIN
3)YU, HO-SANG
4)PARK, JI-HOON
5)CHOI, SANG-UI

(57) Abstract :
Provided is a thermotherapy apparatus, which includes a first housing (10), a second housing (20) disposed under the first housing (10), a transfer plate (30), at both sides of which transfer rollers (31) are provided, and a pair of guide rails (40) that is provided to the second housing (20) and on which the respective transfer rollers (31) of the transfer plate (30) are placed. The pair of guide rails (40) are integrally molded when the second housing (20) is injection-molded. Thus, since the guide rails on which the transfer rollers of the transfer plate travel are integrally molded when the second housing is injection-molded, inefficiency caused by mounting separate rails as in the related art is removed, and thereby assemblability, productivity, and economic efficiency of the thermotherapy apparatus can be improved.



No. of Pages : 37 No. of Claims : 17

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

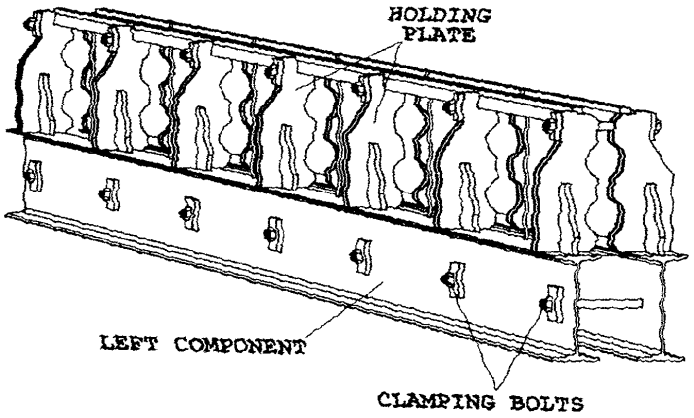
(21) Application No.377/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A FIXTURE FOR MANUFACTURING FURNACE SKID PIPES TO CARRY AND MOVE SLABS INSIDE WALKING BEAM FURNACES.

(51) International classification	:F27B 9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STEEL AUTHORITY OF INDIA LIMITED
Address of Applicant :ROURKELA STEEL PLANT, ROURKELA-769011, ORISSA India
(72)**Name of Inventor :**
1)BHATTACHARYA APARUP

(57) Abstract :
There is provided a fixture for manufacturing of skid pipes for transporting slabs in walking beam furnaces. More particularly, the present invention is directed to providing a fixture for assembly and welding of skid pipes for walking beam furnace adapted to ensure required geometrical accuracy of these skids including the spacers and buttons attached to it by maintaining the required narrow manufacturing tolerances in assembly and also to avoid uneven warping of pipes during welding inside the special fixture, thus favouring fast and accurate in-house production of the skid pipes with minimum/no rejection, required to meet periodic replacement of the damaged ones.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.389/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL COMPOSITIONS AND MEDICAMENTS THEREOF; FOR TREATMENT OF JOINT PAIN

(51) International classification	:A61K 36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MAHATA ATUL
Address of Applicant :VILL: NILCHIGERIA, P.O. BANPURA, G.P. ROHINI 4 NO., DIST: PASCHIM MEDINIPUR- 721143, WEST BENGAL, INDIA
(72)**Name of Inventor :**
1)MAHATA ATUL

(57) Abstract :
A herbal composition for treatment of joint pain; said herbal composition comprises predefined amount of *Paederia foetida,* predefined amount of *Vitex negundo,* predefined amount of *Jatropha curcas,* predefined amount of *Ricinus communis,* predefined amount of *Plumbago zeylanica,* predefined amount of *Zingiber officinale* and predefined amount of *Vanda tessellata.*. A method for the preparation of said herbal composition for treatment of joint pain is also disclosed. A medicament for treatment of joint pain and methods for the preparation thereof are also disclosed.

No. of Pages : 28 No. of Claims : 22

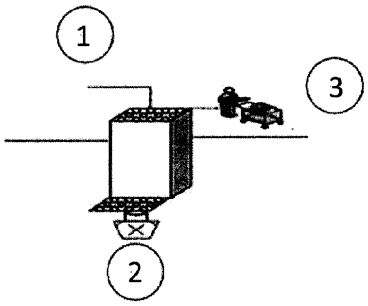
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2013

(21) Application No.384/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : SOAP CASTING METHOD

(51) International classification	:A47K 5/00	(71)**Name of Applicant :** **1)ITC LIMITED** Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA-700071 WEST BENGAL, INDIA West Bengal India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)KAUSHIK, VAIBHAV**
Filing Date	:NA	**2)DAS, SUGATO**
(87) International Publication No	: NA	**3)BALAKRISHNAN, SUBRAMANIAN**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to a soap casting system comprising of: a) circular jacketed pipes with inlet and outlet connections for coolant flow; b) vertical cavities, residing within the circular tube bolted at the top with the circular jacketed pipe; c) hydraulic Cylinder attached to a piston ejection assembly which comprises of piston rods with replaceable teflon heads; wherein said system provides soap products with flexible cross section and said vertical cavities are provided as change-part. The present invention further provides a method of producing soap in a casting system, comprising the steps of: a) Moving the piston to the top of vertical cavities; b) Pouring Soap Melt into the reservoir tank at a predetermined temperature and lowering pistons to minimize foam generation; c) Cooling water in the cuboidal shell, pouring over the melt; d) Moving pistons upwards using the hydraulic system to produce a predetermined pressure; e) Ejection of the different candles from the differently profiled tubes.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

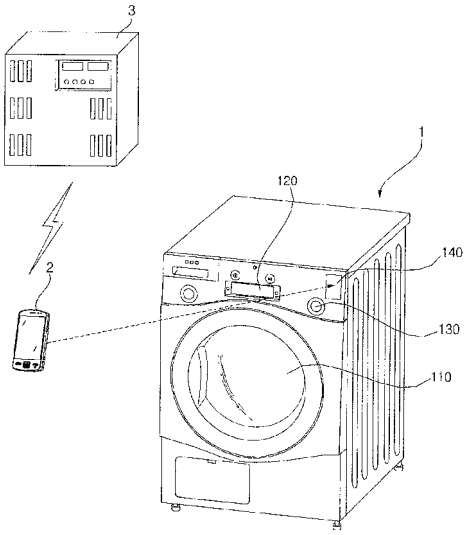
(21) Application No.440/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : WASHING MACHINE CONTROL SYSTEM AND METHOD OF CONTROLLING THE SAME

(51) International classification	:G05B 19/00
(31) Priority Document No	:10-2013-0038786
(32) Priority Date	:09/04/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC
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(72)**Name of Inventor :**
1)MIKYUNG HA
2)JUNPIL PARK
3)BYUNGGEE SUNG

(57) Abstract :
A washing machine control system and a method of controlling the same are provided. The washing machine control system includes a tag unit that includes a tag storage unit that stores model information; and a transmitting and receiving unit that transmits the model information based on a mobile device being tagged. The washing machine control system further includes a mobile device that includes a tag communication module that receives the model information based on being tagged by the tag unit; an internet module that receives, from a server, information about a plurality of operation courses associated with the model information; a display that displays information; and a control unit that controls the display to display an operation course list comprising the plurality of operation courses.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.386/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL COMPOSITONS AND MEDICAMENTS THEREOF; FOR TREATMENT OF ENTERITIS IN ANIMALS

(51) International classification	:A61K 36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MAHAPATRA SWAPAN
Address of Applicant :VILL: OLMA, P.O. KATHI, P.S. MARISHDA. DIST: PURBA MEDINIPUR, PIN: 721401, WEST BENGAL, INDIA
(72)**Name of Inventor :**
1)MAHAPATRA SWAPAN

(57) Abstract :
A herbal composition for treatment of enteritis in animals; said herbal composition comprises predefined amount of *Sansevieria trifasciata, Zingiber officinale* and *Trachyspermum ammi.* Specifically, said composition comprises root of *Sansevieria trifasciata,* rhizome of *Zingiber officinale* and seeds of *Trachyspermum ammi or extracts thereof.* A medicament comprising the composition of the invention for treatment of enteritis in animals. A different methods for the preparation of compositions as well as medicament thereof for treatment of enteritis in animals.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

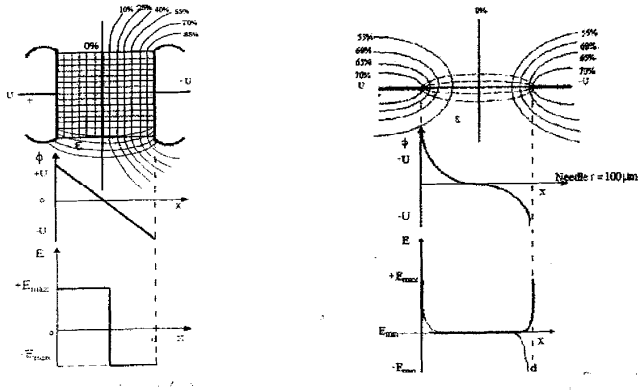
(21) Application No.1162/KOL/2012 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : 1200 KV CORONA SHIELD.

(51) International classification	:G03G 15/00
(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)BHARAT HEAVY ELECTRICALS LIMITED
Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA.
(72)**Name of Inventor :**
1)RAM KUMAR TIWARI, Rajesh Kumar Singh, Ghanshyam Lalwani

(57) Abstract :
The invention relates to an electrostatic corona shield disposed in high voltage transformers to eliminate corona discharge effect during power frequency overvoltage with partial discharge testing of the transformer, the transformer having at least one high voltage terminal bushing , the Corona Shield comprises at least three shaped rings forming the main part of the corona shield, a circular plate arrangement (2) for mounting the shield on the terminal bushing of the high voltage transformer, and at least three vertical support rods, wherein the shaped corona rings joined together with the vertical support rods, wherein the circular plate comprises a mounting hole in the centre for accommodating the terminal of the bushing of the transformer, and wherein the circular plate is further provided with a plurality of holes for connecting the corona rings.



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

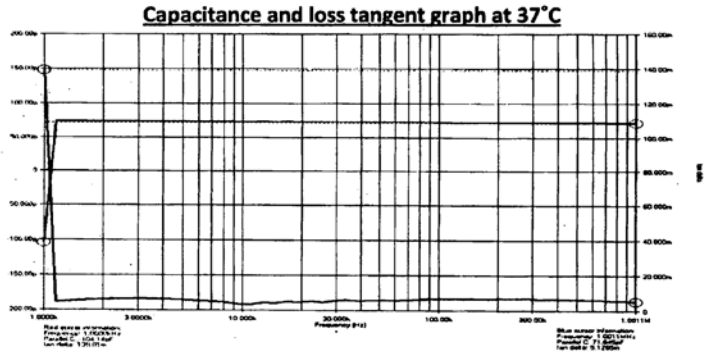
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2013

(21) Application No.373/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DEVELOPMENT OF A NEW PROCESS FOR MAKING FLY ASH BASED INSULATOR AND DIELECTRICS

(51) International classification	:C04B 28/00	(71)**Name of Applicant :** **1)GANDHI INSTITUTE OF ENGINEERING & TECHNOLOGY** Address of Applicant :PO-GUNUPUR, DIST-RAYAGADA, ODISHA, PIN CODE-76022, Orissa India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :** **1)R R DASH** **2)RISHAV RAJ**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
This invention relates to flyash based insulation and dielectrics comprising 60% by weight flyash, 30 to 40% by weight red mud and 10 to 20% by weight china clay.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2014

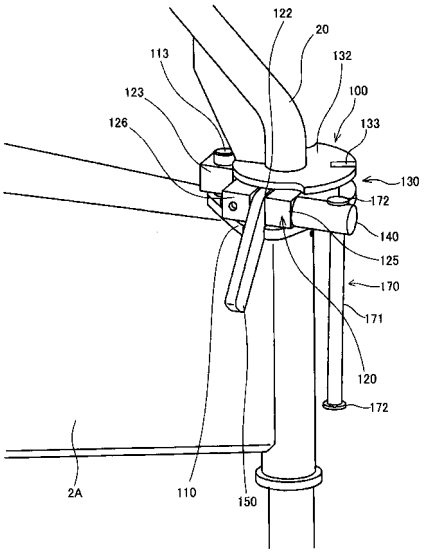
(21) Application No.986/KOLNP/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CHUTE TURNING RESTRICTION MECHANISM

(51) International classification :B60P3/16,B28C5/42
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/059960
Filing Date :01/04/2013
(87) International Publication No :WO 2014/030381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KAYABA INDUSTRY CO., LTD.
Address of Applicant :World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 105-6111, JAPAN
(72)**Name of Inventor :**
1)Hiroyuki SHIMIZU

(57) Abstract :
A chute swivel regulating mechanism (100) is equipped with: a rotating shaft (20) on which a chute (10) is arranged, and which is provided so as to be capable of rotation relative to the vehicle body (2) of a mixer vehicle (1); a bracket (120) which is provided to the vehicle body (2) and which has an insertion hole (121) into which the rotating shaft (20) is inserted and a notch part (122) formed by removing a part of the insertion hole (121); an inner diameter adjustment shaft (140) which is provided across the notch part (122) so as to enable the adjustment of the inner diameter of the insertion hole (121), and which is configured to regulate the rotation of the rotating shaft (20) by reducing the inner diameter of the insertion hole (121); a rotating body (130) which is provided so as to rotate with the rotating shaft (20), and which has an engaging groove (133); and a lock lever (150) which is provided to the inner diameter adjustment shaft (140) so as to be capable of rotation, and which regulates the rotation of the rotating shaft (20) by engaging with the engaging groove (133).



No. of Pages : 33 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.388/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL COMPOSITIONS AND MEDICAMENTS THEREOF; FOR TREATMENT OF TAIL GANGRENE AND WOULD HEALING IN CATTLE

(51) International classification	:A61K 36/00	(71)**Name of Applicant :** **1)MAHATA JATINDRANATH** Address of Applicant :G.P.CHATRI 5 NO., VILL: JORIDIHA, P.O. CHUNPARA, DIST: PASCHIM MEDINIPUR, PIN: 721135, WEST BENGAL, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :** **1)MAHATA JATINDRANATH**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A herbal composition for treatment of tail gangrene in cattle; said herbal composition comprises at least two herbal components selected from fruits of *Scindapsus officinalis,* rhizomes of *Zingiber officinale* and roots of *Aristolochia indica.* The said composition is also employed for wound healing. A method for the preparation of said herbal composition for treatment of tail gangrene in cattle and for wound healing is also disclosed. A medicament for treatment of tail gangrene in cattle and for wound healing and methods for the preparation thereof are also disclosed.

No. of Pages : 30 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2013

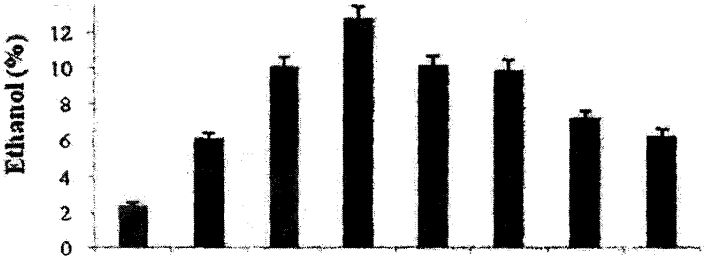
(21) Application No.371/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF THE BIOETHANOL FORM POTATO WADE

(51) International classification	:C12P 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY
Address of Applicant :KHARAGPUR-721 302, WEST BENGAL, INDIA
(72)**Name of Inventor :**
1)RITU BANERJEE
2)ANJANI DEVI CHINTAGUNTA
3)UPADRASA LAKSHMISHRI

(57) Abstract :
This invention relates to a process for the production of ethanol from potato waste using a co-culture of *Aspergillus niger* and *S.cerevisiae* or an enzyme and *S. cerevisiae*.



No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.360/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : CHAIN POWER TRANSMISSION DEVICE AND LIGHT-WEIGHT ROLLER CHAIN SPROCKET

(51) International classification	:F16G 13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DAIDO KOGYO CO.,LTD
Address of Applicant :1-197,KUMASAKA-CHO,KAGA-SHI,ISHIKAWA, 922-8686,JAPAN
(72)**Name of Inventor :**
1)HIROTO OSUGI
2)YOSIO KUROKAWA

(57) Abstract :
A chain power transmission device including a roller chain having desirable strength and light weight, wound around two sprockets is disclosed. The roller chain is configured by combining dimensions of components of one of first and second conventional roller chains having different chain pitches from each other, and includes, a pin, a bush, and a roller having the same dimensions as those of the first conventional roller chain having a smaller chain pitch, and an inner link plate and an outer link plate having the same outline length and pin hole pitch as the second conventional roller chain having a larger chain pitch. The two sprockets have the substantially same diameter as that of the sprocket for the first roller conventional chain having the smaller chain pitch, a smaller number of teeth than that of the sprocket for the first conventional roller chain, and an inter-teeth pitch which allows engagement of the second conventional roller chain.

No. of Pages : 21 No. of Claims : 3

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

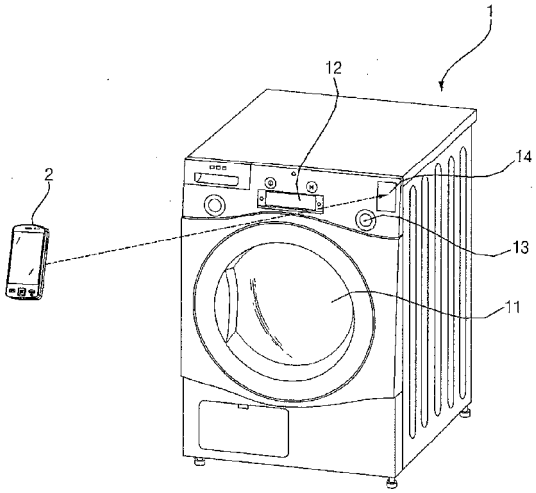
(21) Application No.435/KOL/2014 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HOME APPLIANCE, HOME APPLICANCE SYSTEM, AND METHOD OF CONTROLLING THE SAME

(51) International classification	:H04L 12/00
(31) Priority Document No	:10-2013-0038785
(32) Priority Date	:09/04/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)LG ELECTRONICS INC
Address of Applicant :128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(72)**Name of Inventor :**
1)MIKYUNG HA
2)JUNPIL PARK
3)BOKYUNG CHO

(57) Abstract :
A home appliance, a home appliance system, and a method of controlling the same are provided. The home appliance includes a display unit that outputs an operation setting and an operation state. The home appliance further includes a tag unit that performs Near Field Communication (NFC) with a terminal. The home appliance further includes a controller that (i) stores product information at the tag unit, (ii) receives data stored at the tag unit, (iii) changes the operation setting, (iv) controls the operation state, and (v) outputs the changed operation setting to the display unit. The controller determines network connection information that is stored at the tag unit by the terminal in a communication unit of the tag unit and transmits and receives data wirelessly through a predetermined network through the communication unit.



No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2013

(21) Application No.367/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : HERBAL FORMULATION FOR TREATMENT OF BONE FRACTURE

(51) International classification	:A61K 36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SWET KANTHA DAS
Address of Applicant :VILLAGE AND P.O. MADHUSUDHANCHAK, DIST. PUBBA, MEDINIPUR-721655, West Bengal India
(72)**Name of Inventor :**
1)SWET KANTHA DAS

(57) Abstract :
A herbal formulation for the treatment of bone fracture comprising: an extract obtained from 75 to 85 grams of leaves of *Stephania japonica* and 20 to 25 pieces of fruits of *Scindapsus officinalis.*

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2013

(21) Application No.375/KOL/2013 A
(43) Publication Date : 10/10/2014

(54) Title of the invention : DRIVE MECHANISM FOR DISCONNECTING A SWITCH

(51) International classification	:H01R 13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MÜNCHEN GERMANY
(72)**Name of Inventor :**
1)KAPIL BAVIKAR
2)RAVI CHIKHALE

(57) Abstract :
A drive mechanism (10) for disconnecting a switch is presented. The drive mechanism (10) includes a first shaft (20) rotatable along a horizontal axis, a handle (30) for rotating the first shaft (20), a pusher (29) disposed within the first shaft (20) mechanically coupled to a spring (28) disposed therein, wherein the spring (28) is coupled to the pusher (29) at a first end and mechanically coupled to an extension (40) of the first shaft (20) at a second end, an assembly (45) coupled to the extension (40) of the first shaft (20), the assembly (45) coupled to a second shaft (60) through a rotary bushing (44) and a coupler (46) disposed within the second shaft (60) for transferring a motion of the first shaft (20) to the second shaft (60), such that the second shaft (60) rotates between two or more positions.

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

PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)

NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF PATENTS UNDER SECTION 60 OF THE PATENT ACT, 1970, MAY AT ANY TIME WITHIN 2 MONTHS FROM THE DATE OF PUBLICATION OF THIS NOTICE, GIVE NOTICE TO THE CONTROLLER OF PATENTS AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM – 14 UNDER RULE 85 OF THE PATENTS (AMENDEMENT) RULES, 2006.

SR. NO	PATENT NOS.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
1	256872	Huntleigh Technology Limited(U.K.)	A frame assembly for a configurable bed	17/07/2012	Mumbai
2	256824	Shri. Gajanan Invention And Advance Research Center	A pneumatic air rotor driven water pump	19/11/2013	Mumbai
3	255941	Auburn University (U.S.A.)	An adaptor for light transmission in an illumination system for a microscope	08/07/2013	Mumbai
4	253079	Claris Lifesciences Limited	Purification of 2,6-diisopropyl phenol	18/11/2013	Mumbai
5	200554	Godjrej & Boyce Mfg. co. Ltd.	A double locking navtal padloc	14/12/2007	Mumbai
6	200863	Godjrej & Boyce Mfg. co. Ltd.	A lamina padlock	23/11/2006	Mumbai
7	256062	Huntleigh Technology Limited(U.K.)	Bed castor and brake assmbly	17/07/2012	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	263009	3616/DELNP/2007	11/08/2005	28/12/2004	BODY WEIGHT SUPPORT DEVICE	HONDA MOTOR CO.,LTD	31/08/2007	DELHI
2	263012	1666/DELNP/2009	12/10/2007	13/10/2006	High temperature PP adhesive	BOREALIS TECHNOLOGY OY	12/06/2009	DELHI
3	263018	2165/DELNP/2006	29/10/2003	29/10/2003	A SPLINT PRODUCT IN ROLL FORM	BSN MEDICAL, INC.	20/04/2007	DELHI
4	263025	122/DEL/2006	17/01/2006	24/01/2005	CHROMIUM-FREE RUST INHIBITIVE TREATMENT METHOD FOR METAL PRODUCTS HAVING ZINC SURFACE	HODEN SEIMITSU KAKO KENKYUSHO CO., LTD.	17/08/2007	DELHI
5	263030	1889/DELNP/2008	15/09/2006	16/09/2005	6-METHOXY- 2-6 DIMETHYLOCTANAL	GIVAUDAN SA,	27/06/2008	DELHI
6	263049	6679/DELNP/2007	21/02/2006	21/02/2005	AN ISOLATED PRIMATE T-LYMPHOTROPIC VIRUS AND VECTOR COMPRISING THE SAID VIRUS	(1) THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES,CENTERS FOR DISEASE CONTROL AND PREVENTION (2) JOHN HOPKINS UNIVERSITY	21/09/2007	DELHI
7	263052	4183/DELNP/2008	30/11/2006	02/12/2005	PIGMENTED INK-JET INKS WITH IMPROVED IMAGE QUALITY ON GLOSSY MEDIA	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	01/08/2008	DELHI
8	263054	1983/DEL/2005	26/07/2005		A PROCESS FOR PREPARATION OF A NOVEL IMMUNO CONJUGATE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	31/07/2009	DELHI
9	263056	1977/DEL/2006	04/09/2006	20/09/2005	DUAL CURE COMPOSITIONS AND METHODS OF CURING THEREOF	GENERAL ELECTRIC COMPANY.	31/08/2007	DELHI
10	263062	485/DELNP/2008	20/07/2006	20/07/2005	OLIGONUCLEOTIDES	LGC LIMITED	15/08/2008	DELHI
11	263063	4130/DELNP/2008	17/01/2007	17/01/2006	MOLD FOR MOLDING AND METHOD FOR MOLDING PRODUCT	TOYOTA JIDOSHA KABUSHIKI KAISHA,	01/08/2008	DELHI
12	263071	3776/DELNP/2008	13/11/2006	15/11/2005	PROCESS FOR THE PRODUCTION OF CARBOXANILIDES	SYNGENTA PARTICIPATIONS AG	15/08/2008	DELHI

13	263073	2674/DELNP/2008	04/10/2006	04/10/2005	A METHOD FOR PRODUCING A FIBRE-REINFORCED PRODUCT	LM GLASFIBER A/S	25/07/2008	DELHI
14	263081	4856/DELNP/2007	12/06/2006	17/06/2005	A RADIATION DIAPHRAGM TO NARROW AN X-RAY BEAM PRODUCED BY AN X-RAY TUBE OF AN X-RAY FACILITY AND X-RAY FACILITY THEREOF	SIEMENS AKTIENGESELLSCHAFT	10/08/2007	DELHI
15	263083	3266/DELNP/2004	09/05/2003	13/05/2002	A TUBE BUNDLE APPARATUS FOR EFFICIENT THERMAL EXCHANGE AND METHOD FOR MAUFACTURING THE SAME	SNAMPROGETTI S.P.A.	09/10/2009	DELHI
16	263085	2319/DELNP/2004	17/02/2003	26/02/2002	METHOD FOR DISPLAYING AN IMAGE ON A DIGITAL DISPLAY DEVICE	THOMSON LICENSING S.A	09/10/2009	DELHI
17	263086	3620/DELNP/2005	17/02/2004	17/02/2003	PROCESS FOR PRODUCTION OF LIVING RADICAL POLYMERS AND POLYMERS	OTSUKA CHEMICAL CO., LTD	24/08/2007	DELHI
18	263092	350/DELNP/2007	11/07/2005	14/07/2004	A PROCESS FOR CONTROLLING OF A QUENCHING DEVICE FOR A CONVERTER BRIDGE AND A QUENCHING DEVICE THEREOF	SIEMENS AKTIENGESELLSCHAFT	17/08/2007	DELHI
19	263094	2251/DELNP/2008	19/09/2006	16/09/2005	A MAGNETIC ALLOY HAVING COMPOSITION REPRESENTED BY THE GENERAL FORMULA (1) AND MAGNETIC PART THEREOF	HITACHI METALS, LTD.	08/08/2008	DELHI
20	263097	308/DEL/2005	14/02/2005		PARENTERAL COMPOSITION COMPRISING CEFTRIAXONE AND VANCOMYCIN FOR BACTERIAL RESISTANCE AND PROCESS OF PREPARATION THEREOF	VENUS REMEDIES LIMITED	17/02/2006	DELHI
21	263098	6343/DELNP/2006	08/04/2005	09/04/2004	A LIQUID COMPLETE NUTRITIONAL COMPOSITION SUITABLE FOR FEEDING CACHECTIC PATIENTS	N.V. NUTRICIA	31/08/2007	DELHI
22	263099	1507/DELNP/2007	31/08/2005	31/08/2004	A SUNLIGHT COLLECTING REFLECTOR	TOKYO INSTITUTE OF TECHNOLOGY	03/08/2007	DELHI
23	263104	7747/DELNP/2006	22/06/2004	22/06/2004	IMPROVEMENT OF INTESTINAL BARRIER INTEGRITY	N.V.NUTRICIA	17/08/2007	DELHI

24	263113	3052/DELNP/2007	23/09/2005	24/09/2004	A RECOMBINANT CONSTRUCT COMPRISING A PROMOTER OPERABLY LINKED TO HETEROLOGOUS POLYNUCLEOTIDE MOLECULE	MONSANTO TECHNOLOGY LLC.	31/08/2007	DELHI
25	263119	2438/DEL/2007	22/11/2007 12:24:11	24/11/2006	A LOCKING CONSTRUCTION, CONNECTOR PROVIDED THEREWITH AND UNLOCKING METHOD	SUMITOMO WIRING SYSTEMS,LTD.	05/09/2008	DELHI
26	263120	4863/DELNP/2007	16/12/2005	20/12/2004	ELECTRICAL CONNECTOR WITH CROSSTALK COMPENSATION	TYCO ELECTRONICS CORPORATION	10/08/2007	DELHI
27	263121	724/DEL/2006	17/03/2006 15:24:22	31/03/2005	TELESCOPIC SWITCH	GENERAL ELECTRIC CANADA	22/06/2007	DELHI
28	263126	6925/DELNP/2007	21/03/2006	21/03/2005	AN ANTIMICROBIAL AGENT COMPRISING A CYSTEINE COMPONENT COVALENTLY BOUND TO A SUBSTRATE	CYTACOAT AB	28/09/2007	DELHI
29	263127	5246/DELNP/2007	13/01/2005	13/01/2005	OPERATION DEVICE FOR AN ELEVATOR SYSTEM	OTIS ELEVATOR COMPANY	17/08/2007	DELHI
30	263128	1417/DELNP/2008	04/09/2006	07/09/2005	SECONDARY BATTERY EMPLOYING SAFETY DEVICE	LG CHEMICAL LIMITED	08/08/2008	DELHI
31	263129	4859/DELNP/2008	08/11/2006	08/11/2005	CHIMAERIC HIV-1 SUBTYPE C GAG-VIRUS-LIKE PARTICLES	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL,UNIVERSITY OF CAPE TOWN	08/08/2008	DELHI
32	263131	4817/DELNP/2007	29/12/2004	29/12/2004	METHOD OF MANUFACTURING A WIND TURBINE BLADE SHELL MEMBER AND A WIND TURBINE BLADE MANUFACTURED THEREOF	VESTAS WIND SYSTEMS A/S	17/08/2007	DELHI
33	263135	5970/DELNP/2009	10/04/2008	10/04/2007	PROPYLENE COPOLYMER COMPOSITIONS	BOREALIS TECHNOLOGY OY,	18/06/2010	DELHI
34	263137	226/DEL/2003	05/03/2003	07/03/2002	HIT SCORING APPARATUS FOR SHOOTING PRACTICE	TESSEL, MORDECHAI,TESSEL, KIRA,ROLEL DINA,TESSEL, NETANEL	31/07/2009	DELHI
35	263142	2576/DELNP/2007	21/07/2005	10/09/2004	A FUSION PROTEIN HAVING SIALIDASE ACTIVITY	ANSUN BIOPHARMA, INC.,	03/08/2007	DELHI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263001	898/MUMNP/2006	27/01/2005	03/02/2004	DEVICE AND METHOD FOR LOADING CLOSURE PLUG INTO A CONNECTOR	Fresenius Medical Care Deutschland Gmbh	23/03/2007	MUMBAI
2	263014	530/MUMNP/2007	08/11/2005	09/11/2004	AN INDUSTRIAL FABRIC	ALBANY INTERNATIONAL CORP.	03/08/2007	MUMBAI
3	263016	902/MUMNP/2008	30/08/2006	21/10/2005	SUPPORT TO RECEIVE CARRIER FOR UPPER ROLLER OF DRAFTING ARRANGEMENT AND METHOD FOR PRODUCTION THEREOF	SAURER COMPONENTS GMBH	04/07/2008	MUMBAI
4	263034	2146/MUM/2008	06/10/2008	11/10/2007	A WINDING MECHANISM OF TEXTILE MACHINE WITH LEVER ARRANGEMENT COMPRISING PNEUMATIC CYLINDER & METHOD THEREOF	SAURER GERMANY GMBH & CO KG	12/06/2009	MUMBAI
5	263050	2175/MUM/2008	10/10/2008	11/10/2007	SERVICE ASSEMBLY	SAURER GERMANY GMBH & CO KG	12/06/2009	MUMBAI
6	263057	283/MUM/2007	13/02/2007		ERROR DETECTION ARRANGEMENT & METHOD OF ERROR DETECTION IN A LIQUID FUEL DISPENSING	DEODHAR PRABHAKAR	07/12/2007	MUMBAI
7	263064	1659/MUMNP/2007	14/03/2006	18/03/2005	PISTON FOR A RECIPROCATING INTERNAL COMBUSTION ENGINE HAVING HARDENED PISTON RING GROOVES	MAN DIESEL & TURBO SE	16/11/2007	MUMBAI
8	263065	625/MUMNP/2008	01/09/2006	02/09/2005	TRANSPORT CONTAINER WITH IMPROVED VENTILATION PROPERTIES FOR FLOWERS	PAGTER & PARTNERS INTERNATIONAL B.V.	29/08/2008	MUMBAI

9	263096	284/MUM/2005	15/03/2005		PHARMACEUTICAL COMPOSITIONS OF AMLODIPINE AND BENAZEPRIL	LUPIN LIMITED	06/07/2007	MUMBAI
10	263102	2075/MUMNP/2008	12/04/2007	12/04/2006	UPLINK AND BI-DIRECTIONAL TRAFFIC CLASSIFICATION FOR WIRELESS COMMUNICATION	QUALCOMM INCORPORATED	14/11/2008	MUMBAI
11	263118	2691/MUM/2008	23/12/2008		WATER-SOLUBLE PROTEIN BASED PHARMACEUTICAL COMPOSITION AND PROCESS FOR PREPARING THE SAME	Unichem Laboratories Ltd.	13/08/2010	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263011	1193/CHENP/2008	04/08/2006	10/08/2005	COOLING DEVICE FOR THE ELECTRODES OF A METALLURGICAL FURNACE	SMS SIEMAG AKTIENGESELLSCHAFT	12/09/2008	CHENNAI
2	263015	1691/CHENP/2008	05/09/2006	06/09/2005	LOW ALLOY STEEL	NIPPON STEEL & SUMITOMO METAL CORPORATION	26/12/2008	CHENNAI
3	263017	426/CHE/2008	20/02/2008		A HYDRAULIC DISTRIBUTOR SYSTEM FOR TRACTORS AND AGRICULTURAL MACHINES	TAFE MOTORS AND TRACTORS LIMITED	16/05/2008	CHENNAI
4	263020	3819/CHENP/2008	22/12/2005	22/12/2005	AN AIR DISPERSER FOR A SPRAY DRYER	NIRO A/S	13/03/2009	CHENNAI
5	263021	4890/CHENP/2008	14/03/2007	15/03/2006	METHOD AND APPARATUS FOR THE ANAEROBIC TREATMENT OF WASTE WATER	MERI ENTSORGUNGSTECHNIK FUR DIE PAPIERINDUSTRIE GMBH,	13/03/2009	CHENNAI
6	263022	49/CHENP/2007	06/07/2005	07/07/2004	A METHOD OF OPERATING A TIME OF FLIGHT RANGING SYSTEM AND A TIME OF FLIGHT RANGING SYSTEM	KONINKLIJKE PHILIPS ELECTRONICS N.V.	17/08/2007	CHENNAI
7	263023	470/CHENP/2006	13/08/2004	13/08/2003	A FATTY ACID SALT COMPOSITION	BIOCON LIMITED	06/07/2007	CHENNAI
8	263026	1585/CHENP/2007	18/10/2005	18/10/2004	METHOD AND SYSTEM FOR SENDING ELECTRONIC MAIL OVER A NETWORK	eBUZON B.V	31/08/2007	CHENNAI
9	263051	1518/CHENP/2008	22/08/2006	28/09/2005	CRANE, IN PARTICULAR MOBILE CRANE WITH A NARROW TRACK AND ENLARGED SUPPORTING BASE	TEREX CRANES GERMANY GMBH	28/11/2008	CHENNAI
10	263055	2345/CHENP/2007	26/11/2005	01/12/2004	METHOD FOR IMPROVING ARAMID YARN BUNDLE COHESIVENESS	TEIJIN ARAMID B.V.	07/09/2007	CHENNAI

11	263067	5005/CHENP/2007	05/04/2006	06/04/2005	OPTICAL BODIES INCLUDING ROUGH STRIPPABLE BOUNDARY LAYERS	3M INNOVATIVE PROPERTIES COMPANY	27/06/2008	CHENNAI
12	263070	4500/CHENP/2008	24/01/2007	30/01/2006	RADIATION IMAGING APPARATUS	CANON KABUSHIKI KAISHA	13/03/2009	CHENNAI
13	263072	5897/CHENP/2007	26/05/2006	27/05/2005	A METHOD OF TRANSMITTING DATA FROM A FIELD DEVICE AND A FIELD DEVICE THEREOF	ROSEMOUNT, INC	27/06/2008	CHENNAI
14	263075	5153/CHENP/2008	20/04/2007	20/04/2006	A METHOD OF COMMUNICATIONS CARRIED OUT ON AN ACCESS TERMINAL	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
15	263077	2878/CHENP/2007	06/12/2005	06/12/2004	GARMENT BACKPACK	TONY HOOD	07/09/2007	CHENNAI
16	263091	5647/CHENP/2008	24/04/2007	24/04/2006	A METHOD TO COMPILE A SUPERPOSITION CODED PACKET IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
17	263095	6507/CHENP/2008	01/05/2007	03/05/2006	METHOD FOR COMMUNICATING DATA PACKETS	Nokia Corporation	03/04/2009	CHENNAI
18	263100	6447/CHENP/2008	07/06/2007	06/07/2006	METHOD AND APPARATUS OF OPERATING AN ACCESS TERMINAL IN A NETWORK	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
19	263101	6333/CHENP/2008	06/06/2007	06/06/2006	A METHOD FOR IN-PHASE AND QUADRATURE IMBALANCE CALIBRATION AND AN APPARATUS THEREOF	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
20	263108	3347/CHENP/2008	30/11/2006	23/12/2005	UNLOCKING A DEVICE BY PERFORMING GESTURES ON AN UNLOCK IMAGE	APPLE INC.	06/03/2009	CHENNAI
21	263111	2429/CHE/2008	03/10/2008	24/03/2008	TRACTOR WITH AN OPERATIONAL PANEL	KUBOTA CORPORATION	02/10/2009	CHENNAI
22	263112	2740/CHENP/2007	21/12/2005	22/12/2004	VARIABLE CAPACITY VANE PUMP WITH DUAL CONTROL CHAMBERS	MAGNA POWERTRAIN INC	07/09/2007	CHENNAI
23	263114	819/CHENP/2008	11/01/2007	19/01/2006	FULL OPENING AND RECLOSABLE EXPLOSION VENT APPARATUS	FIKE CORPORATION	28/11/2008	CHENNAI

24	263115	788/CHENP/2007	24/08/2005	25/08/2004	PAPER MANUFACTURING USING AGGLOMERATED HOLLOW PARTICLE LATEX	OMNOVA SOLUTIONS INC.	24/08/2007	CHENNAI
25	263116	4870/CHENP/2007	27/03/2006	31/03/2005	METHOD OF MAKING METAL PARTICLES	3M INNOVATIVE PROPERTIES COMPANY	27/06/2008	CHENNAI
26	263122	2399/CHENP/2008	13/10/2006	17/11/2005	MODULAR COUNTERWEIGHT CARRIAGE FOR CRANES, IN PARTICULAR FOR LARGE CRANES	Terex Cranes Germany GmbH	06/03/2009	CHENNAI
27	263123	5060/CHENP/2008	31/01/2007	24/02/2006	APPARATUS FOR SUPPORTING A SAMPLE PLATE AND CONTROLLING THE ANGULAR ORIENTATION THEREOF	BIO-RAD LABORATORIES, INC.	20/03/2009	CHENNAI
28	263124	261/CHENP/2008	14/06/2006	17/06/2005	BLEACH BOOSTER COMPOUNDS AND PROCESS FOR PRODUCTION THEREOF	BASF AKTIENGESELLSCHAFT	19/09/2008	CHENNAI
29	263125	3520/CHENP/2008	29/11/2006	08/12/2005	LIST SCROLLING IN RESPONSE TO MOVING CONTACT OVER LIST OF INDEX SYMBOLS	APPLE INC.	13/03/2009	CHENNAI
30	263138	2833/CHENP/2007	07/12/2005	08/12/2004	FLEXIBLE CARRIER	ILLINOIS TOOL WORKS INC.	07/09/2007	CHENNAI
31	263139	2147/CHENP/2007	18/11/2005	18/11/2004	A MICRONEEDLE APPLICATION DEVICE	3M INNOVATIVE PROPERTIES COMPANY	07/09/2007	CHENNAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	262997	1046/KOLNP/2007	18/07/2005	03/09/2004	METHOD, APPARATUS, AND COMMUNICATIONS INTERFACE FOR SENDING AND RECEIVING DATA BLOCKS ASSOCIATED WITH DIFFERENT MULTIPLE ACCESS TECHNIQUES	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	13/07/2007	KOLKATA
2	262998	3952/KOLNP/2008	22/02/2007	03/03/2006	PROCESS FOR THE MODIFICATION OF BIODEGRADABLE POLYMERS	AKZO NOBEL N.V.	27/02/2009	KOLKATA
3	262999	4050/KOLNP/2007	26/04/2006	28/04/2005	METHOD FOR PURIFYING TANAPROGET	WYETH	30/05/2008	KOLKATA
4	263000	1543/KOLNP/2008	17/10/2006	19/10/2005	CEMENTITIOUS BOARD MANUFACTURE	BPB LIMITED	26/12/2008	KOLKATA
5	263002	2694/KOLNP/2007	30/12/2004	30/12/2004	AN ANTENNA DEVICE FOR A RADIO BASE STATION IN A CELLULAR TELEPHONY SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	31/08/2007	KOLKATA
6	263003	878/KOLNP/2008	21/08/2006	30/08/2005	A MULTIFUNCTION KEY ASSEMBLY FOR ELECTRONIC DEVICES	HECHT, GIL	28/11/2008	KOLKATA
7	263004	2323/KOLNP/2008	12/12/2006	13/12/2005	ASSEMBLY COMPRISING A CELLULAR NETWORK AND AT LEAST ONE MOBILE TERMINAL,METHOD FOR THE OPERATION OF SUCH AN ASSEMBLY, MOBILE TERMINAL AND CONTROL DEVICE	NOKIA SIEMENS NETWORKS GMBH & CO. KG	16/01/2009	KOLKATA
8	263005	3676/KOLNP/2007	17/03/2006	18/03/2005	VOIP PROXY SERVER	LEHMAN BROTHERS INC.	07/03/2008	KOLKATA

9	263006	652/KOLNP/2007	13/09/2005	13/09/2004	METHOD FOR MANUFACTURING ENANTIOMERIC IMIDAZOLE COMPOUNDS	FERRER INTERNACIONAL, S.A.	06/07/2007	KOLKATA
10	263007	3051/KOLNP/2008	05/02/2007	06/02/2006	METHOD FOR PLACING CALL IN VOICE CALL CONTINUITY TERMINAL AND SERVER THEREOF	LG ELECTRONICS INC.	06/02/2009	KOLKATA
11	263008	993/KOLNP/2008	31/08/2006	05/09/2005	MULTILAYER OPTICAL RECORDING MEDIUM AND OPTICAL RECORDING METHOD	RICOH COMPANY, LTD.	19/12/2008	KOLKATA
12	263010	351/KOLNP/2007	20/04/2006	15/06/2005	INFORMATION RECORDING MEDIUM AND METHOD OF MANUFACTURING THE SAME	PANASONIC CORPORATION	06/07/2007	KOLKATA
13	263013	3124/KOLNP/2007	14/03/2006	14/03/2005	INFORMATION RECORDING AND REPRODUCING APPARATUS AND A METHOD OF CONTROLLING AN INFORMATION RECORDING AND REPRODUCING APPARATUS	RICOH COMPANY, LTD.	28/12/2007	KOLKATA
14	263019	881/KOL/2008	14/05/2008 16:09:41	06/06/2007	TEMPERATURE SENSING ARRANGEMENTS FOR POWER ELECTRONIC DEVICES	GM GLOBAL TECHNOLOGY OPERATIONS INC.	24/04/2009	KOLKATA
15	263024	2459/KOLNP/2008	12/12/2006	13/12/2005	GLASS FIBER FOR REINFORCING RUBBER PRODUCTS AND METHOD FOR PRODUCING IT	OCV INTELLECTUAL CAPITAL, LLC	23/01/2009	KOLKATA
16	263027	4136/KOLNP/2007	26/04/2006	29/04/2005	A METHOD FOR DEODORISING ORGANIC OR INORGANIC FLUIDS	ALFA LAVAL CORPORATE AB	02/01/2009	KOLKATA
17	263028	1603/KOL/2008	18/09/2008 13:51:54	21/09/2007	ON-LINE SYSTEM IDENTIFICATION AND CONTROL OF FUEL CELL HUMIDIFICATION VIA HFR MEASUREMENTS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	08/05/2009	KOLKATA
18	263029	127/KOL/2006	13/02/2006		CONDITIONING HAIR WASH COMPOSITION	ITC LIMITED	19/06/2009	KOLKATA

19	263031	716/KOLNP/2007	15/08/2005	13/08/2004	FIXED-MOBILE COMMUNICATIONS WITH MID-SESSION MODE SWITCHING	SINNREICH, HEINRICH,JOHNSTON, ALAN.B	13/07/2007	KOLKATA
20	263032	5010/KOLNP/2008	14/06/2007	14/06/2006	PROCESS FOR THE MANUFACTURE OF OLEFIN OLIGOMERS	NESTE OIL OYJ	27/03/2009	KOLKATA
21	263033	3456/KOLNP/2007	13/02/2006	13/04/2005	ENTROPY CODING WITH COMPACT CODEBOOKS	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	13/06/2008	KOLKATA
22	263035	4374/KOLNP/2008	30/03/2007	31/03/2006	BENZOIMIDAZOL-2-YL PYRIDINES AS MODULATORS OF THE HISTAMINE H4 RECEPTOR	JANSSEN PHARMACEUTICA, N.V.	06/03/2009	KOLKATA
23	263036	1603/KOLNP/2007	02/11/2005	05/11/2004	METHODS OF INHIBITING THE ADHERENCE OF LENSES TO SURFACES DURING THEIR MANUFACTURE	JOHNSON & JOHNSON VISION CARE, INC	27/07/2007	KOLKATA
24	263037	2195/KOL/2008	19/12/2008 17:04:48	24/01/2008	ELECTRIC MOTOR STATOR WINDING TEMPERATURE ESTIMATION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	31/07/2009	KOLKATA
25	263038	940/KOL/2007	29/06/2007 15:11:11	29/08/2006	INTERNAL MODE SWITCH BIT PATTERN FOR CLUTCH-TO-CLUTCH TRANSMISSIONS	GM GLOBAL TECHNOLOGY OPERATIONS, INC	10/04/2009	KOLKATA
26	263039	645/KOL/2008	31/03/2008	21/05/2007	TAPERED ROTOR ASSEMBLIES FOR A SUPERCHARGER	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	08/05/2009	KOLKATA
27	263040	894/KOLNP/2009	13/09/2007	14/09/2006	PESTICIDE COMPOSITION	BASF SE	22/05/2009	KOLKATA
28	263041	1031/KOL/2006	10/10/2006	30/11/2005	FAULTY LIFTER OIL MANIFOLD ASSEMBLY SOLENOID DIAGNOSTIC SYSTEM AND ITS METHOD THEREOF	GM GLOBAL TECHNOLOGY OPERATIONS INC.	29/06/2007	KOLKATA
29	263042	574/KOL/2007	12/04/2007		A FIRING PULSE GENERATION DEVICE FOR A SINGLE PHASE PULSE WIDTH MODULATED INVERTER FOR GENERATING THE CONTROLLED SIGNAL FOR CONTROLLING THE OUTPUT VOLTAGE OF THE INVERTER AND THE METHOD OF GENERATION	BHARAT HEAVY ELECTRICALS LIMITED	17/10/2008	KOLKATA
30	263043	1210/KOL/2008	16/07/2008 15:55:32	27/07/2007	BELT ALTERNATOR STARTER MOTOR GENERATOR FOR HYBRID VEHICLES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA

31	263044	1667/KOL/2008	26/09/2008 16:14:48	21/04/2008	DISCONTINUOUS PULSE WIDTH MODULATION FOR DOUBLE-ENDED INVERTER SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	23/10/2009	KOLKATA
32	263045	610/KOLNP/2007	06/10/2005	10/11/2004	THERMAL RELEASE	ABB PATENT GMBH	06/07/2007	KOLKATA
33	263046	54/KOL/2009	12/01/2009 17:02:38	26/02/2008	ELECTRIC MOTOR ASSEMBLY WITH STATOR MOUNTED IN VEHICLE POWERTRAIN HOUSING AND METHOD	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	28/08/2009	KOLKATA
34	263047	1738/KOL/2008	15/10/2008 16:22:30	26/10/2007	METHOD FOR IMPROVING FCS RELIABILITY AFTER END CELL HEATER FAILURE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
35	263048	1800/KOL/2008	23/10/2008 16:38:34	24/10/2007	METHOD AND SYSTEM FOR CONTROLLING A POWER INVERTER IN ELECTRIC DRIVES OF VEHICLES WITH TWO-MODE TRANSMISSIONS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	08/05/2009	KOLKATA
36	263053	4149/KOLNP/2008	19/04/2007	19/04/2006	APPARATUS AND METHOD FOR SUPPORTING RELAY SERVICE IN A MULTI-HOP RELAY BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	06/03/2009	KOLKATA
37	263058	1981/KOLNP/2008	10/07/2002	21/02/2002	SYSTEM AND METHOD FOR PROVIDING GPS-ENABLED WIRELESS COMMUNICATIONS	KYOCERA WIRELESS CORP.	09/01/2009	KOLKATA
38	263059	2705/KOLNP/2007	30/12/2004	30/12/2004	AN IMPROVED SYSTEM FOR CELLULAR RADIO COVERAGE AND AN ANTENNA FOR SUCH A SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	31/08/2007	KOLKATA
39	263060	5076/KOLNP/2007	30/06/2006	30/06/2005	METHOD AND APPARATUS FOR ENCODING AND DECODING AN AUDIO SIGNAL	LG ELECTRONICS INC.	18/07/2008	KOLKATA
40	263061	1707/KOLNP/2007	16/12/2005	30/12/2004	METHODS FOR MANAGING DATA TRANSMISSIONS BETWEEN A MOBILE STATION AND A SERVING STATION	MOTOROLA, INC.	27/07/2007	KOLKATA

41	263066	3841/KOLNP/2008	08/01/2007	09/03/2006	METHOD AND APPARATUS TO IMPLEMENT MEDIA GATEWAY INTERNAL CONNECTION	HUAWEI TECHNOLOGIES CO., LTD.	27/02/2009	KOLKATA
42	263068	3134/KOLNP/2006	29/03/2005	29/03/2004	SPECIFIC BINDING MEMBERS AGAINST SYNAPTOPYSIN.	THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN	08/06/2007	KOLKATA
43	263069	1939/KOLNP/2007	06/12/2005	10/12/2004	METHOD FOR RECORDING DATA IN A HOLOGRAPHIC FORM ON A LENS AND A CORRESPONDING LENS	ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)	10/08/2007	KOLKATA
44	263074	2574/KOLNP/2006	22/03/2005	23/03/2004	AN APPARATUS FOR MOLDING A MOLD	SINTOKOGIO, LTD.	01/06/2007	KOLKATA
45	263076	3654/KOLNP/2006	10/05/2004	10/05/2004	METHOD AND TELECOMMUNICATIO N SYSTEM FOR INITIATING AN ENHANCED COMMUNICATION CONNECTION	TELEFONAKTIEBOLAG ET LM ERICSSON (publ)	15/06/2007	KOLKATA
46	263078	3500/KOLNP/2006	27/05/2005	02/06/2004	CONNECTING DEVICE FOR THE CONNECTION OF A HOSE TO FLUID TRANSPORTING LINE	EATON FLUID POWER GMBH	15/06/2007	KOLKATA
47	263079	21/KOL/2008	02/01/2008		A METHOD OF PRODUCING PHOSPHORUS FREE INTERSTITIAL FREE HIGH STRENGTH (IFHS) FORMABLE AND WELDABLE STEEL SHEET / STRIP WITH IMPROVED DRAWABILITY	TATA STEEL LIMITED	03/07/2009	KOLKATA
48	263080	3948/KOLNP/2006	23/06/2005	30/06/2004	REVERSE TRANSFER SYSTEM BALL-SCREW, AND ELECTROMECHANICA L ACTUATOR EMPLOYING SAME	MOOG INC	22/06/2007	KOLKATA
49	263082	3826/KOLNP/2006	17/06/2005	18/06/2004	A VEHICLE HYBRID POWER TRAIN SYSTEM AND METHOD OF OPERATING THE SAME	EATON CORPORATION	22/06/2007	KOLKATA
50	263084	1587/KOL/2008	15/09/2008	21/09/2007	A METHOD FOR STARTING A FUEL CELL SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA

51	263087	2647/KOLNP/2008	31/01/2007	02/02/2006	HOT DIP ZINC PLATING BATH AND ZINC-PLATED IRON PRODUCT	CK METALS CO., LTD.	30/01/2009	KOLKATA
52	263088	2522/KOLNP/2008	24/11/2006	30/11/2005	DEPOLYMERIZATION OF FLUOROPOLYMERS	THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED	30/01/2009	KOLKATA
53	263089	1506/KOLNP/2008	26/10/2006	31/10/2005	NOVEL PROCESSES FOR THE PREPARATION OF CYCLOPRPOPYL-AMIDE DERIVATIVES	JANSSEN PHARMACEUTICA N.V.	02/01/2009	KOLKATA
54	263090	1714/KOLNP/2007	16/11/2005	30/11/2004	METHOD AND DEVICE FOR SOLDERING CONNECTIONS USING INDUCTIVE HEATING	SAINT-GOBAIN GLASS FRANCE	27/07/2007	KOLKATA
55	263093	3406/KOLNP/2006	06/06/2005	04/06/2004	FLOW RATE SENSOR AND METHOD OF MEASURING THE VOLUME AND/OR RATE OF FLOW OF A MEDIUM	VSE VOLUMENTECHNIK GMBH	15/06/2007	KOLKATA
56	263103	2485/KOLNP/2006	14/01/2005	05/03/2004	METHOD AND APPARATUS FOR TRANSMITTING A CONTROL MESSAGE TRANSFERRING CONNECTING IDENTIFIER UPDATE INFORMATION	SAMSUNG ELECTRONICS CO. LTD.	25/05/2007	KOLKATA
57	263105	3699/KOLNP/2006	20/06/2005	25/06/2004	PROCESS FOR THE INDUSTRIAL PRODUCTION OF AROMATIC CARBONATE	Asahi Kasei Chemicals Corporation	15/06/2007	KOLKATA
58	263106	1274/KOLNP/2008	13/09/2006	04/10/2005	SCHEDULING WIRELESS COMMUNICATION SYSTEMS	MOTOROLA MOBILITY, INC.	26/12/2008	KOLKATA
59	263107	1247/KOLNP/2004	17/03/2003	20/03/2002	A HEARING AID INSTRUMENT	SIEMENS HEARING INSTRUMENTS, INC.	05/05/2006	KOLKATA
60	263109	2148/KOLNP/2007	27/12/2005	27/12/2004	METHOD OF TRANSMITTING PACKET DATA IN A WIRELESS COMMUNICATION SYSTEM CONFIGURED TO SUPPORT MULTIPLE INPUT AND OUTPUT AND WIRELESS COMMUNICATION APPA	LG ELECTRONICS INC.	17/08/2007	KOLKATA

61	263110	1962/KOLNP/2008	14/09/2007	19/09/2006	IMAGE FORMING APPARATUS AND IMAGE FORMING METHOD	RICOH COMPANY, LTD.	09/01/2009	KOLKATA
62	263117	2953/KOLNP/2007	14/02/2006	16/02/2005	DISPLAY FOR CREATING COLOUR IMAGES AND TEXTS RECOGNISABLE BY INCIDENT LIGHT	ASPRE AG	19/10/2007	KOLKATA
63	263130	2866/KOLNP/2006	02/02/2005	31/03/2004	AN OPTICAL DEVICE AND METHOD OF TIME AVERAGING MODAL NOISE INDUCED SIGNAL STRENGTH VARIATIONS IN MULTIMODE OPTICAL FIBER	ZOLO TECHNOLOGIES,INC	08/06/2007	KOLKATA
64	263132	747/KOL/2007	14/05/2007	18/05/2006	A DISSOLVED GAS ANALYZER OF INSULATING OIL	JAPAN AE POWER SYSTEMS CORPORATION	14/12/2007	KOLKATA
65	263133	414/KOLNP/2008	07/06/2006	30/07/2005	DRYING APPARATUS	DYSON TECHNOLOGY LIMITED	26/09/2008	KOLKATA
66	263134	408/KOL/2008	03/03/2008	11/05/2007	AN APPARATUS AND METHOD OF CONTROL OF A HYBRID POWERTRAIN HAVING AN ENGINE INPUT CLUTCH	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
67	263136	477/KOL/2007	26/03/2007	24/03/2006	AN EXHAUST SYSTEM FOR FILTERING PARTICULATES FROM DIESEL ENGINE EXHAUST IN A PARTICULATE FILTER	GM GLOBAL TECHNOLOGY OPERATIONS, INC	25/07/2008	KOLKATA
68	263140	3718/KOLNP/2006	06/07/2005	07/07/2004	METHOD FOR JOINING TWO OBJECTS AND CORRESPONDING JOINING ELEMENT	WOODWELDING AG.	15/06/2007	KOLKATA
69	263141	959/KOLNP/2007	31/08/2005	06/09/2004	COMBINED SERVICE BRAKE AND SPRING BRAKE CYLINDER	KNORR-BREMSE SYSTEME FUR NUTZ FAHRZEUGE GMBH	13/07/2007	KOLKATA
70	263143	2943/KOLNP/2008	01/02/2007	06/02/2006	METHOD FOR REQUESTING DOMAIN TRANSFER AND TERMINAL AND SERVER THEREOF	LG ELECTRONICS INC.	06/02/2009	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART- 2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	239043	21.08.2014
2.	240219	21.08.2014
3.	240417	21.08.2014
4.	241108	21.08.2014
5.	216276	28.08.2014
6.	216999	28.08.2014
7.	217000	28.08.2014
8.	229670	28.08.2014
9.	229796	28.08.2014
10.	230105	28.08.2014
11.	233320	28.08.2014
12.	231817	28.08.2014
13.	241746	28.08.2014
14.	241747	28.08.2014
15.	246312	28.07.2014

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	258812
CLASS	22-06
1)YOGESH PALIWAL, AN INDIAN NATIONAL PROPRIETOR OF FARM INPUT TRADING COMPANY, 6, SAWARKAR MARKET, DATTA CHOWK, YAVATMAL-445001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	18/12/2013
TITLE	INSECT TRAP
PRIORITY NA	



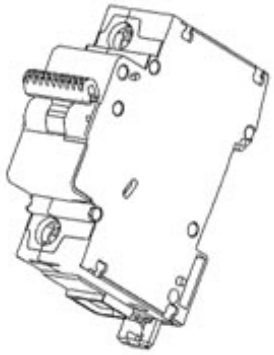
DESIGN NUMBER	258916
CLASS	14-03
1)IXONOS PLC, A LEGAL ENTITY UNDER THE LAWS OF FINLAND, OF THE ADDRESS HITSAAJANKATU 20, FI-00810 HELSINKI, FINLAND (P.O. BOX 284, FI-00811, HELSINKI, FINLAND)	
DATE OF REGISTRATION	23/12/2013
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002266809	03/07/2013	OHIM



DESIGN NUMBER	259026
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	259116
CLASS	12-08
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	30/12/2013
TITLE	CAR

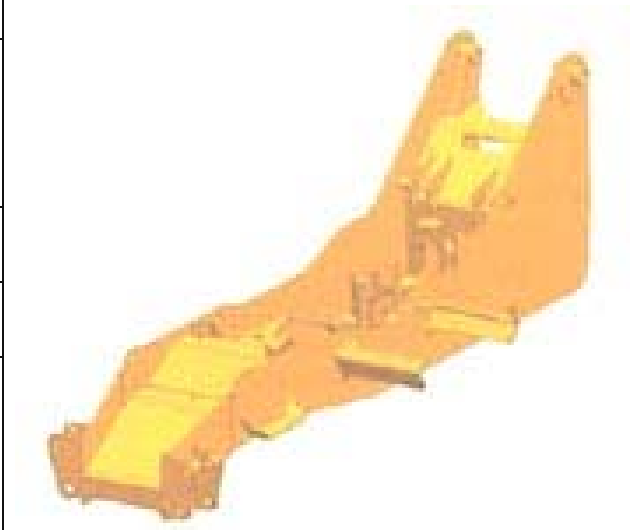
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
BR3020130032892	04/07/2013	BRAZIL



DESIGN NUMBER	257820
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

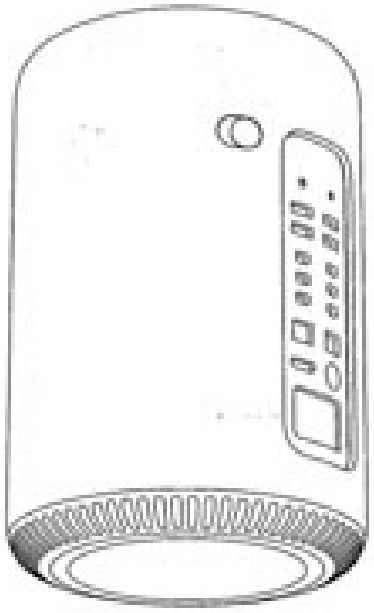
PRIORITY NA



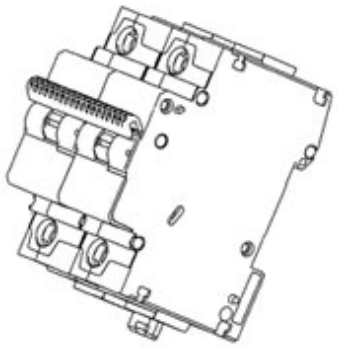
DESIGN NUMBER	258134
CLASS	14-02
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, U.S.A., A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA	
DATE OF REGISTRATION	13/11/2013
TITLE	DESKTOP COMPUTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/457,349	09/06/2013	U.S.A.



DESIGN NUMBER	259027
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-40059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	259117
CLASS	12-16
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	30/12/2013
TITLE	FRONT BUMPER FOR AN AUTOMOBILE

PRIORITY

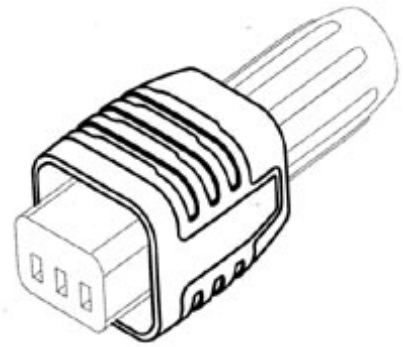
PRIORITY NUMBER	DATE	COUNTRY
BR3020130032884	04/07/2013	BRAZIL



DESIGN NUMBER	259476
CLASS	13-03
1)SCHURTER AG A SWISS COMPANY OF WERKHOFSTRASSE 8-12, 6002 LUZERN SWITZERLAND	
DATE OF REGISTRATION	17/01/2014
TITLE	ELECTRIC DEVICE PLUG

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
140050	18/07/2013	SWITZERLAND

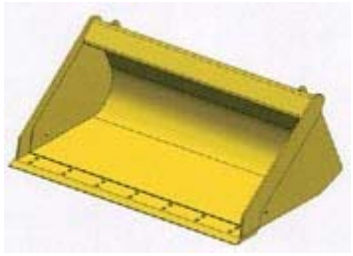


DESIGN NUMBER	258448
CLASS	24-04
1)RAY ARBESMAN, OF 42 BURTON ROAD, TORONTO, ONTARIO M5P 1V2, CANADA; NATIONALITY: CANADA	
DATE OF REGISTRATION	28/11/2013
TITLE	KINESIOLOGY TAPE STRIP
PRIORITY	

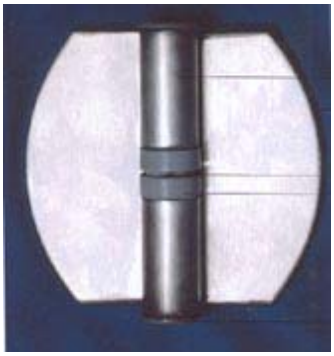
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151358	29/05/2013	CANADA



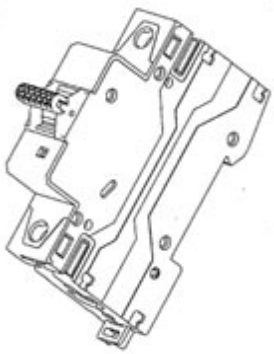
DESIGN NUMBER	257756
CLASS	12-16
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.	
DATE OF REGISTRATION	25/10/2013
TITLE	BUCKET FOR SKID STEER LOADER
PRIORITY NA	



DESIGN NUMBER	258961
CLASS	08-06
1)SARASWATI INDUSTRIES., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT 203/A, RAJ UMANG 1, CHS SHIV VALLABH ROAD, ASHOK VAN, NEAR MARUTI NAGAR, DAHISAR (EAST), MUMBAI-400068. MAHARASHTRA, INDIA. WHOSE PARTNERS ARE (1) ARUNA BIPIN RATHOD. (INDIAN NATIONAL), & (2) KRUPA HIMANSHU RATHOD. (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS	
DATE OF REGISTRATION	24/12/2013
TITLE	HINGE
PRIORITY NA	



DESIGN NUMBER	259016
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	259088
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	



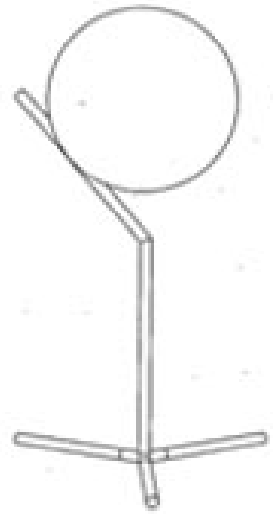
DESIGN NUMBER	249609
CLASS	08-07
1)STAUBLI FAVERGES, OF A FRENCH SOCIÉTÉ EN COMMANDITE PAR ACTIONS", PLACE ROBERT STÄUBLI 74210 FAVERGES FRANCE	
DATE OF REGISTRATION	20/11/2012
TITLE	LOCKING OR CLOSING DEVICES OF MULTI-COUPLING PLATES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002047183-0001	25/05/2012	OHIM



DESIGN NUMBER	256834
CLASS	26-05
1)FLOS S.P.A., AN ITALIAN COMPANY, VIA A. FAINI, 2, I-25073 BOVEZZO, BRESCIA, ITALY.	
DATE OF REGISTRATION	26/09/2013
TITLE	TABLE LAMP



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
BS2013O000012	29/03/2013	ITALY

DESIGN NUMBER	259264
CLASS	13-03
1)M/S URBANE SUPPLY CHAIN SOLUTIONS PRIVATE LIMITED HAVING REGISTERED OFFICE AT, 401, SOLACE APTS, PLOT 345, 33RD ROAD, TPS 3, BANDRA (WEST), MUMBAI-400 050, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	07/01/2014
TITLE	CONNECTOR (ELECTRICITY)

PRIORITY NA



DESIGN NUMBER	258647
CLASS	29-02
1)RESGUARDO INDUSTRIES, SHED NO. 3, PLOT NO. 17, JIGANI INDUSTRIAL AREA, MADEVPATTANA VILLAGE, ANEKAL TALUK, JIGANI HOBLI, BANGALORE-562106, KARNATAKA, INDIA	
DATE OF REGISTRATION	10/12/2013
TITLE	EMERGENCY RESPONSE TEAM CAP

PRIORITY NA



DESIGN NUMBER	259820
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	SEAT ASSEMBLY FOR MOTORCYCLE
PRIORITY NA	



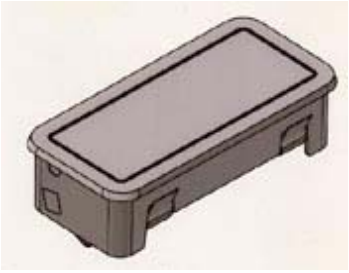
DESIGN NUMBER	259498
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	



DESIGN NUMBER	257493
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 CENTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/452,253	15/04/2013	U.S.A.



DESIGN NUMBER	260384
CLASS	26-05
1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT), 14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)	
DATE OF REGISTRATION	17/02/2014
TITLE	NIGHT LAMP
PRIORITY NA	



DESIGN NUMBER	259128
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	30/12/2013
TITLE	SEALING RING
PRIORITY NA	



DESIGN NUMBER	258823
CLASS	12-08
1)VOLKSWAGEN AKTIENGESELLSCHAFT, A GERMAN COMPANY OF BERLINER RING 2, 38440 WOLFSBURG, GERMANY	
DATE OF REGISTRATION	18/12/2013
TITLE	CAR
PRIORITY NA	



DESIGN NUMBER	259636
CLASS	12-16
1)MANISH GRAPHICS, SHOP NO. 03, PLOT NO. 69, RAJA GARDEN, NEW DELHI-110015, INDIA (AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:-MR. MANISH AN INDIAN NATIONAL OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	23/01/2014
TITLE	PROTECTOR FRAME FOR HIGH SECURITY NUMBER PLATE
PRIORITY NA	



DESIGN NUMBER	259816
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	ENGINE LOWER COVER FOR MOTORCYCLE
PRIORITY NA	



DESIGN NUMBER	258550
CLASS	06-01
1)S. SINDHIYA, PROPRIETOR OF M/S. SINDHIYA PLASTIC INDUSTRIES, AT NO. 75/1, THIRUNAGAR 3RD STREET, SUNDAKKAMUTHUR ROAD, COIMBATORE-641026, INDIA, INDIAN-NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	03/12/2013
TITLE	CHAIR
PRIORITY NA	



DESIGN NUMBER	256534
CLASS	12-11
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT JAYALAKSHMI ESTATES, 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	17/09/2013
TITLE	TAIL COVER FOR MOTORCYCLE
PRIORITY NA	



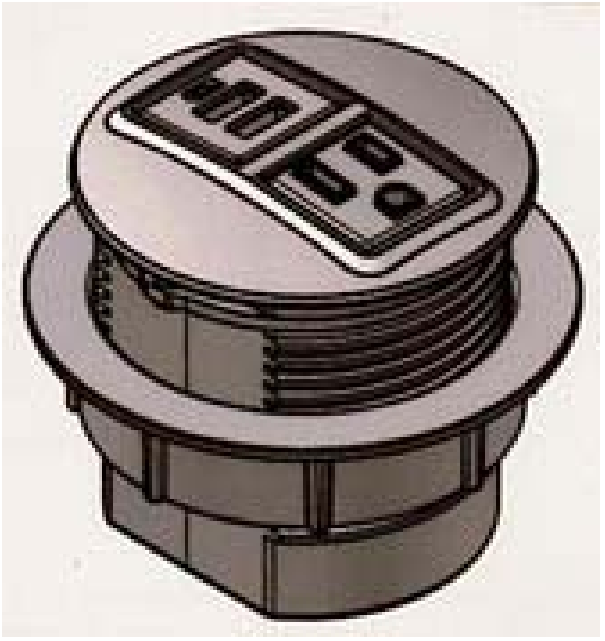
DESIGN NUMBER	259236
CLASS	08-07
1)(1) RUPESHBHAI MANSUKHBHAI MANSARA (2) JAYESHBHAI GOBARBHAI SHEKHALIYA (3) CHETANBHAI LAVJIBHAI SINGHALA (ALL THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF JAY SOMNATH METAL (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT: 3, MARUTI INDUSTRIAL AREA, KOTHARIYA RING ROAD, B/H. MURLIDHAR WAYBRIDGE, N.H. 8B, RAJKOT-360003-GUJARAT-(INDIA)	
DATE OF REGISTRATION	06/01/2014
TITLE	DOOR LATCH
PRIORITY NA	



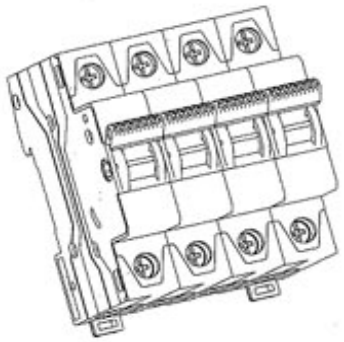
DESIGN NUMBER	257489
CLASS	13-03
1)NORMAN R. BYRNE (A CITIZEN OF UNITED STATES OF AMERICA) WHOSE ADDRESS IS 2736, HONEY GREEK AVE, NE ADA, MI 49301, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	14/10/2013
TITLE	ELECTRICAL POWER UNIT FOR A WORK SURFACE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/452,251	15/04/2013	U.S.A.



DESIGN NUMBER	259023
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-40059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	257784
CLASS	08-06
1)MR. MANISHBHAI BHIKABHAI PATEL., AN INDIAN NATIONAL SOLE PROPRIETOR OF M/S. JAY SHAKTI METAL., AN INDIAN PROPRIETORSHIP FIRM., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, 4, ATIKA INDUSTRIAL AREA, PATEL CHOWK, DEBAR ROAD (SOUTH), RAJKOT. GUJARAT-INDIA.	
DATE OF REGISTRATION	25/10/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	259497
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	259819
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	SEAT COWL ASSEMBLY FOR MOTORCYCLE
PRIORITY NA	



DESIGN NUMBER	257713
CLASS	07-02
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382 213. GUJARAT-INDIA.	
DATE OF REGISTRATION	24/10/2013
TITLE	CONTAINER LID
PRIORITY NA	



DESIGN NUMBER	258621
CLASS	08-06
1)DILIPBHAI BACHUBHAI HIRPARA (INDIAN NATIONALS) AND SOLE PROPRIETOR OF JANKI DIE-CAST (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- PLOT NO. 834, AJI INDUSTRIAL AREA, NR; SITARAM WAY BRIDGE, OPP: MUNICIPAL WORKSHOP, BHAVNAGAR ROAD, RAJKOT-GUJARAT (INDIA)	
DATE OF REGISTRATION	09/12/2013
TITLE	HANDLE
PRIORITY NA	

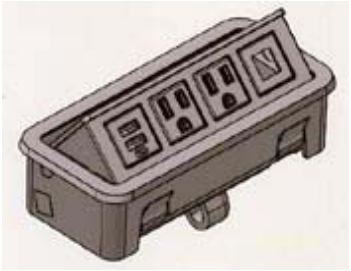


DESIGN NUMBER	256537
CLASS	12-11
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT JAYALAKSHMI ESTATES, 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	17/09/2013
TITLE	FRONT HEADLAMP HOUSING FOR SCOOTER
PRIORITY NA	



DESIGN NUMBER	257492
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 CENTER
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/452,253	15/04/2013	U.S.A.



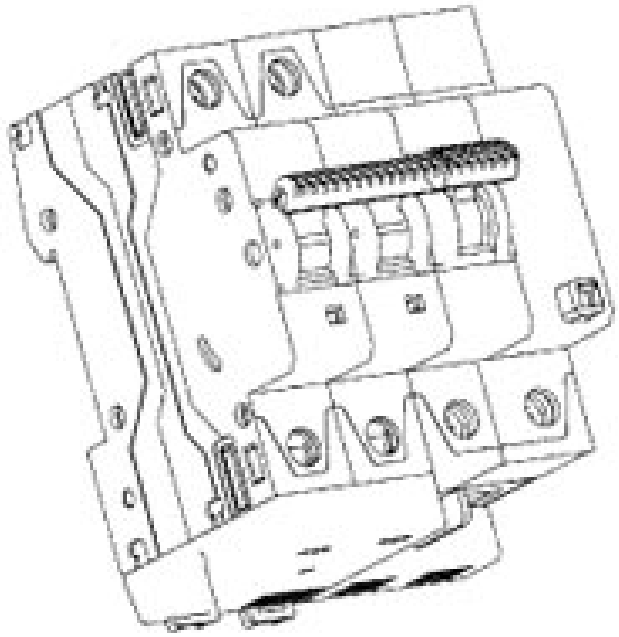
DESIGN NUMBER	260383
CLASS	26-05
1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT), 14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)	
DATE OF REGISTRATION	17/02/2014
TITLE	NIGHT LAMP
PRIORITY NA	



DESIGN NUMBER	258902
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	



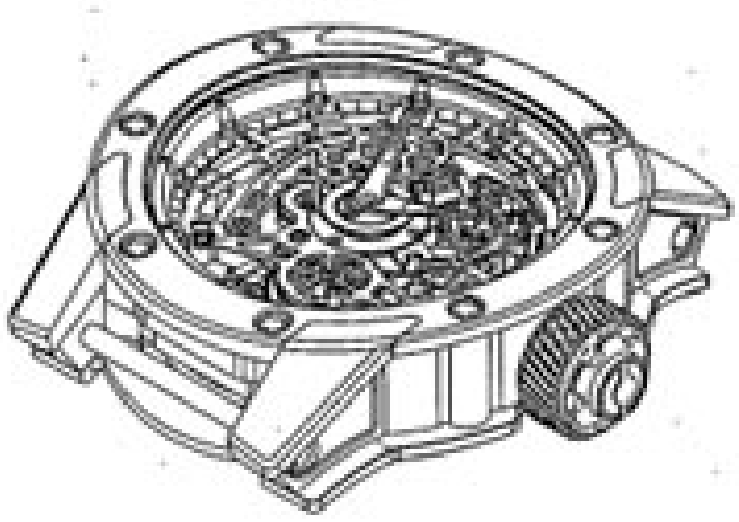
DESIGN NUMBER	259021
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	258795
CLASS	10-02
1)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND	
DATE OF REGISTRATION	17/12/2013
TITLE	WATCH

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
757745701	23/08/2013	WIPO



DESIGN NUMBER	254896
CLASS	09-09
1)COMPAGNIE PLASTIC OMNIUM, A FRENCH COMPANY OF, 19 AVENUE JULES CARTERET-69007 LYON-FRANCE	
DATE OF REGISTRATION	01/07/2013
TITLE	WHEEL FOR TRASH CONTAINER
PRIORITY NA	

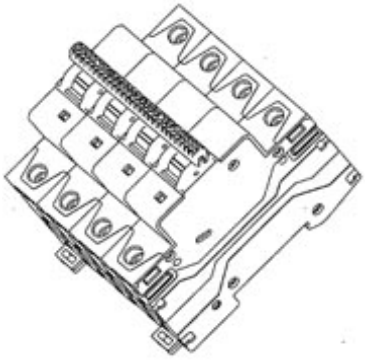


DESIGN NUMBER	259839
CLASS	15-09
1)AERO PRODUCTS, A PROPRIETARY FIRM HAVING ADDRESS AT 212, NAV-KIRTI ESTATE, OPP. RAILWAY RESERVATION COUNTER, BHAYANDER (EAST), THANE (DIST)-401105, MAHARASHTRA, INDIA, WHOSE PROPRIETOR IS VINOD SWAROOPCHAND JAIN	
DATE OF REGISTRATION	29/01/2014
TITLE	SILVER RECOVERY UNIT
PRIORITY NA	



DESIGN NUMBER	257966
CLASS	23-04
1)ORIENT PAPER & INDUSTRIES LIMITED, OF UNIT - VIII, PLOT NO. 7, BHOINAGAR, BHUBANESHWAR-751012 (ORISSA)	
DATE OF REGISTRATION	04/11/2013
TITLE	HEAT CONVECTOR
PRIORITY NA	



DESIGN NUMBER	259299	
CLASS	15-03	
1)MR. NARINDER PAL SINGH, AN INDIAN CITIZEN, PROPRIETOR OF STAR FORCE ENGINEERING COMPANY, AN INDIAN COMPANY, OF B-54/7-A, PHASE-VII, FOCAL POINT, LUDHIANA-141010, PUNJAB, INDIA		
DATE OF REGISTRATION	08/01/2014	
TITLE	HARVESTING COMBINE BLADE FOR USE IN AGRICULTURE	
PRIORITY NA		
DESIGN NUMBER	258900	
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	259018	
CLASS	13-03	
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA		
DATE OF REGISTRATION	27/12/2013	
TITLE	ELECTRICAL SWITCHING DEVICE	
PRIORITY NA		

DESIGN NUMBER	259686
CLASS	12-11
1)ADVANCE PLASTICS, STATION ROAD, DHANDARI KALAN, LUDHIANA (PB.) INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	27/01/2014
TITLE	PADDLE FOR CYCLES
PRIORITY NA	



DESIGN NUMBER	256409
CLASS	12-13
1)POLARIS INDUSTRIES INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE UNITED STATES OF AMERICA, OF 2100 HIGHWAY 55, MEDINA, MINNESOTA 55340-9770, THE UNITED STATES OF AMERICA	
DATE OF REGISTRATION	13/09/2013
TITLE	ALL TERRAIN VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/449,479	15/03/2013	U.S.A.



DESIGN NUMBER	259118
CLASS	12-16
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	30/12/2013
TITLE	REAR BUMPER FOR AN AUTOMOBILE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
BR3020130032914	04/07/2013	BRAZIL



DESIGN NUMBER	257658
CLASS	08-06
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, ''KRISHNA'', NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA	
DATE OF REGISTRATION	22/10/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	257757
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	CAB FOR SKID STEER LOADER
PRIORITY NA	



DESIGN NUMBER	258608
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	259337
CLASS	11-01
1)H. K JEWELS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF 1701-A, 17TH FLOOR, THE CAPITAL BUILDING, B-WING, OPP ICICI BANK, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI-400051, INDIA	
DATE OF REGISTRATION	10/01/2014
TITLE	PENDANT
PRIORITY NA	



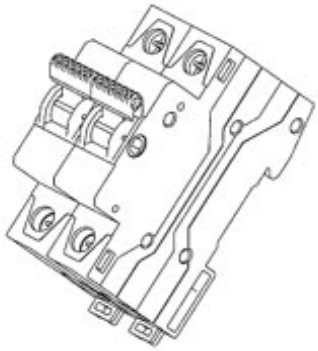
DESIGN NUMBER	258137
CLASS	09-02
1)BORIS TATIEVSKI, OF MARTIN-BUBER-STRAßE 12, 14163 BERLIN, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	13/11/2013
TITLE	OIL CANISTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002336057-0001/0008	30/10/2013	EUROPEAN UNION



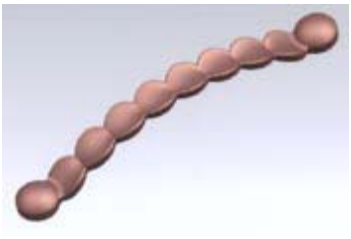
DESIGN NUMBER	259024
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-40059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	256252
CLASS	20-03
1)M/S. MAHINDRA REVA ELECTRIC VEHICLES PRIVATE LIMITED, HAVING ITS PLACE OF BUSINESS AT NO. 122 E, BOMMASANDRA INDUSTRIAL ESTATE, OFF HOSUR ROAD, BANGALORE-560099, KARNATAKA, INDIA	
DATE OF REGISTRATION	06/09/2013
TITLE	DISPLAY BOARD FOR ELECTRIC VEHICLE CHARGING POINT
PRIORITY NA	



DESIGN NUMBER	257654
CLASS	08-06
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, ''KRISHNA'', NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA	
DATE OF REGISTRATION	22/10/2013
TITLE	HANDLE
PRIORITY NA	

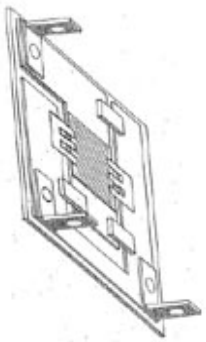


DESIGN NUMBER	257344
CLASS	08-09
1)DORMA INDIA PRIVATE LIMITED, COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT NO. 14, PATTULOS ROAD, CHENNAI-600002, TAMIL NADU, INDIA	
DATE OF REGISTRATION	09/10/2013
TITLE	STRUCTURAL METAL FITTING
PRIORITY NA	



DESIGN NUMBER	250029
CLASS	13-99
1)AZUR SPACE SOLAR POWER GMBH, OF THERESIENSTRASSE 2, D-74072 HEILBRONN, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	07/12/2012
TITLE	SOLAR CELL PANEL
PRIORITY	

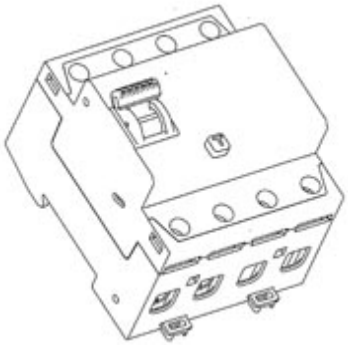
PRIORITY NUMBER	DATE	COUNTRY
002056564-0001	12/06/2012	U.S.A.



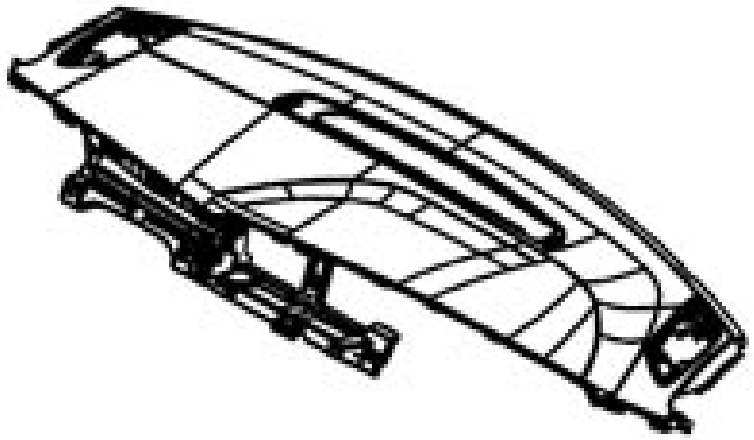
DESIGN NUMBER	258901
CLASS	23-01
1)ASHIRVAD PIPES PVT. LTD, A COMPANY REGISTERED UNDER THE COMPANIES ACT 1956 HAVING ITS REGISTERED OFFICE AT 4-B, ATTIBELE INDUSTRIAL AREA, HOSUR ROAD, BANGALORE-562107, KARNATAKA, INDIA; NATIONALITY: INDIAN	
DATE OF REGISTRATION	20/12/2013
TITLE	SEALING RING
PRIORITY NA	



DESIGN NUMBER	259020
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



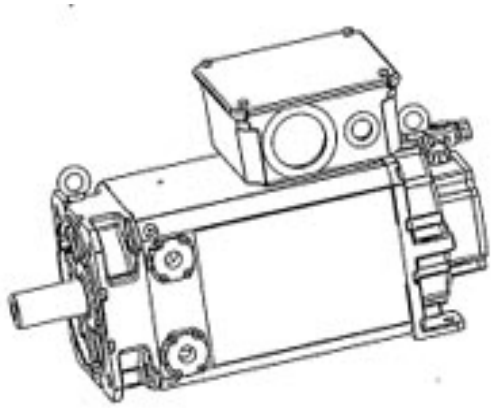
DESIGN NUMBER	259956
CLASS	12-16
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	31/01/2014
TITLE	DASHBOARD TOP PAD OF A VEHICLE
PRIORITY NA	



DESIGN NUMBER	258747
CLASS	13-01
1)BAUMÜLLER NÜRNBERG GMBH, OF OSTENDSTRASSE 80-90, 90482 NÜRNBERG, GERMANY	
DATE OF REGISTRATION	16/12/2013
TITLE	ELECTRIC MOTOR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2 256 537-0002	17/06/2013	OHIM



DESIGN NUMBER	259658
CLASS	02-04
1)OM BALAJI SERVICES, T-2536, 2ND FLOOR, HARDYAN SINGH ROAD, NEAR FAIZ ROAD, NEW DELHI-110005, (A SOLE PROPRIETORSHIP FIRM) WHOSE PROPRIETOR IS VIKAS AGGARWAL, INDIAN OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	24/01/2014
TITLE	SHOE SOLE
PRIORITY NA	



DESIGN NUMBER	259499
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	



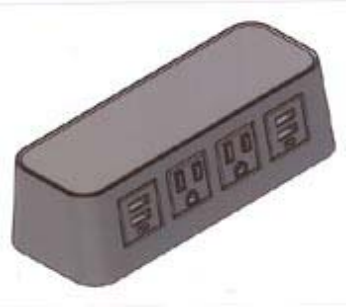
DESIGN NUMBER	256539
CLASS	12-11
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT JAYALAKSHMI ESTATES 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	17/09/2013
TITLE	FRONT BOTTOM PANEL COVER FOR SCOOTER
PRIORITY NA	



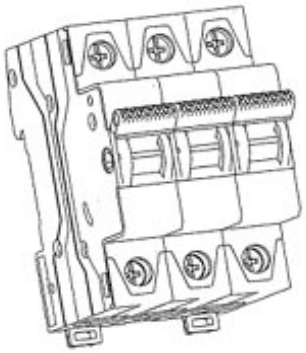
DESIGN NUMBER	257494
CLASS	13-03
1)NORMAN R. BYRNE (A CITIZEN OF UNITED STATES OF AMERICA) WHOSE ADDRESS IS 2736, HONEY GREEK AVE, NE ADA, MI 49301, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	14/10/2013
TITLE	ELECTRICAL POWER UNIT FOR A WORK SURFACE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/452,254	15/04/2013	U.S.A.



DESIGN NUMBER	259025
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-40059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	259115
CLASS	26-06
1)TOYOTA JIDOSHA KABUSHIKI KAISHA, A JAPANESE CO., OF 1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN	
DATE OF REGISTRATION	30/12/2013
TITLE	FRONT COMBINATION LAMP FOR AN AUTOMOBILE

PRIORITY

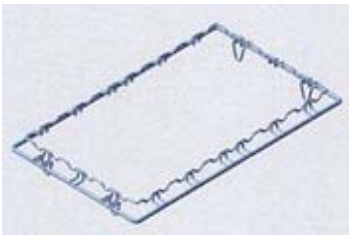
PRIORITY NUMBER	DATE	COUNTRY
BR3020130032868	04/07/2013	BRAZIL



DESIGN NUMBER	258881
CLASS	07-06
1)ELECTROLUX PROFESSIONAL S.P.A.; A ITALIAN COMPANY OF VIALE TREVISO 15, I-33170 PORDENONE, ITALIA	
DATE OF REGISTRATION	19/12/2013
TITLE	BROCHETTE HOLDERS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002258657	19/06/2013	OHIM



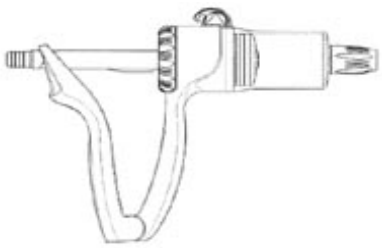
DESIGN NUMBER	256254
CLASS	09-09
1)MUKUL GOYAL OF DESIGNWISE INDIA PVT. LTD., AN INDIAN NATIONAL, REGISTERED OFFICE- C-34, NEETI BAGH, NEW DELHI-110049, INDIA	
DATE OF REGISTRATION	06/09/2013
TITLE	DUSTBIN
PRIORITY NA	



DESIGN NUMBER	259410
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 WITH HOOK

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002276147-0001/0003	17/07/2013	OHIM



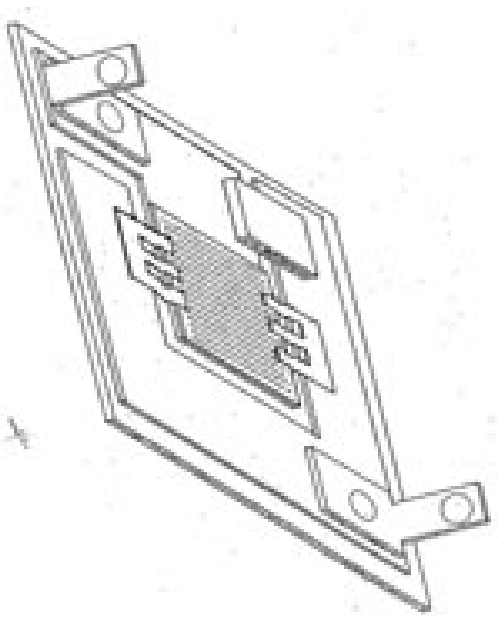
DESIGN NUMBER	258120
CLASS	26-06
1)LUMAX INDUSTRIES LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF INDIA, HAVING ITS REGISTERED OFFICE AT B-85-86, MAYAPURI INDUSTRIAL AREA, PHASE-I, NEW DELHI-110064, INDIA	
DATE OF REGISTRATION	13/11/2013
TITLE	FOG LAMP FOR VEHICLES
PRIORITY NA	



DESIGN NUMBER	250030
CLASS	13-99
1)AZUR SPACE SOLAR POWER GMBH, OF THERESIENSTRASSE 2, D-74072 HEILBRONN, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	07/12/2012
TITLE	SOLAR CELL PANEL

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/424,225	12/06/2012	OHIM



DESIGN NUMBER	258899
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

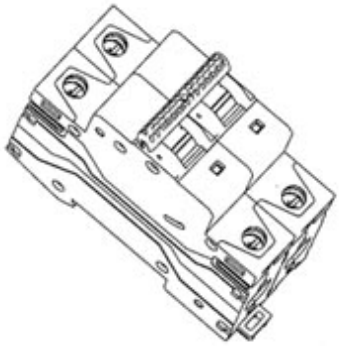


DESIGN NUMBER	258962
CLASS	08-06
1)SARASWATI INDUSTRIES., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT 203/A, RAJ UMANG 1, CHS SHIV VALLABH ROAD, ASHOK VAN, NEAR MARUTI NAGAR, DAHISAR (EAST), MUMBAI-400068. MAHARASHTRA, INDIA. WHOSE PARTNERS ARE (1) ARUNA BIPIN RATHOD. (INDIAN NATIONAL), & (2) KRUPA HIMANSHU RATHOD. (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS	
DATE OF REGISTRATION	24/12/2013
TITLE	HINGE

PRIORITY NA



DESIGN NUMBER	259017
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	258857
CLASS	08-07
1)INDUSTRILÅS I N NÄ**SSJ**Ö **AKTIEBOLAG, A SWEDISH COMPANY OF** BOX 214, SVEDJEGATAN 1, 571 23 NÄ**SSJ**Ö, SWEDEN	
DATE OF REGISTRATION	19/12/2013
TITLE	LOCKING DEVICE

PRIORITY

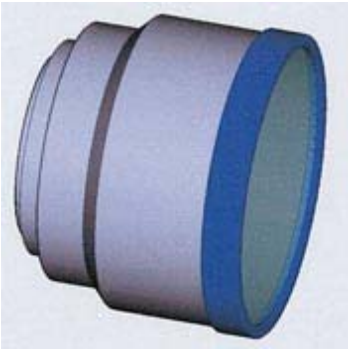
PRIORITY NUMBER	DATE	COUNTRY
002273094	12/07/2013	OHIM



DESIGN NUMBER	254666
CLASS	16-06
1)JENOPTIK OPTICAL SYSTEMS GMBH, OF THE ADDRESS G**Ö**SCHWITZER STRASSE 25, 07745 JENA, GERMANY	
DATE OF REGISTRATION	21/06/2013
TITLE	OPTICAL LENS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DE 40 2012 005 765.7	21/12/2012	GERMANY



DESIGN NUMBER	259168
CLASS	26-02
1)JALARAM INDUSTRIES, HAVING THE PRINCIPAL OFFICE AT 241, BOMBAY TALKIES COMPOUND, SHREE RAM MARG, MALAD (W), MUMBAI-400064 MAHARASHTRA, INDIA A PROPRIETARY CONCERN HAVING THE PROPRIETOR - ASHOK RAMANLAL PANCHAL RESIDING AT D/11, SHALIMAR APT, NEXT TO H.D.F.C. BANK, MARVE ROAD, MALAD (W), MUMBAI-400064, MAHARASHTRA, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	31/12/2013
TITLE	OIL LAMP
PRIORITY NA	



DESIGN NUMBER	259266
CLASS	06-08
1)KUSHAL KARYASHALA PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956), 1, RAJ NAGAR ENCLAVE, PITAM PURA, DELHI-110034 (INDIA)	
DATE OF REGISTRATION	07/01/2014
TITLE	CLOTHE HANGER
PRIORITY NA	



DESIGN NUMBER	254530
CLASS	09-01
1)DABUR INDIA LIMITED CORPORATE OFFICE KAUSHAMBI, SAHIBABAD-201010, DISTT. GHAZIABAD (U.P.) INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	17/06/2013
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	259485
CLASS	02-07
1)GENMORE ZIPPER CORPORATION; A COMPANY INCORPORATED AND EXISTING IN REPUBLIC OF CHINA; OF THE ADDRESS NO. 273, SUN-JIN ST., SHULIN DIST., NEW TAIPEI CITY 238, TAIWAN, REPUBLIC OF CHINA	
DATE OF REGISTRATION	20/01/2014
TITLE	ZIPPER SLIDER
PRIORITY NA	



DESIGN NUMBER	259556
CLASS	24-99
1)C. R. BARD, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW JERSEY, OF 730 CENTRAL AVENUE, MURRAY HILL, NEW JERSEY 07974, U.S.A.	
DATE OF REGISTRATION	22/01/2014
TITLE	TISSUE MARKER FOR INTRACORPOREAL SITE IDENTIFICATION

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/467,892	24/09/2013	U.S.A.



DESIGN NUMBER	260267
CLASS	21-01
1)LUNA MANUFACTURING COMPANY, 6966, AHATA KIDARA, PAHARI DHIRAJ, DELHI-110006 (INDIA), (AN INDIAN PARTNERSHIP FIRM), WHOSE PARTNERS ARE RAJ KUMAR JAIN & KANWAR BHAN JAIN, BOTH INDIAN NATIONALS AND AT THE SAME ABOVE ADDRESS	
DATE OF REGISTRATION	11/02/2014
TITLE	TOY
PRIORITY NA	



DESIGN NUMBER	259339
CLASS	11-01

1)H. K JEWELS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956
OF 1701-A, 17TH FLOOR, THE CAPITAL BUILDING, B-WING, OPP ICICI BANK, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI-400051, INDIA

DATE OF REGISTRATION	10/01/2014
TITLE	PENDANT

PRIORITY NA



DESIGN NUMBER	258138
CLASS	09-02

1)BORIS TATIEVSKI,
OF MARTIN-BUBER-STRAßE 12, 14163 BERLIN, GERMANY, A GERMAN COMPANY

DATE OF REGISTRATION	13/11/2013
TITLE	OIL CANISTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002336057-0001/0008	30/10/2013	OHIM



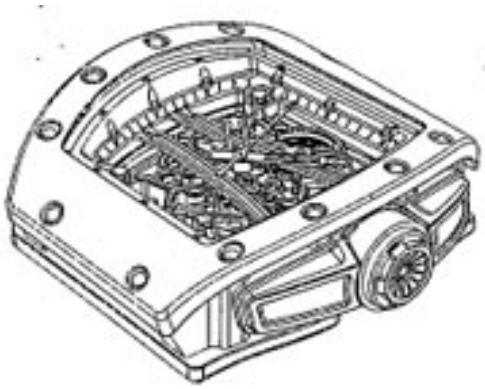
DESIGN NUMBER	258796
CLASS	10-02

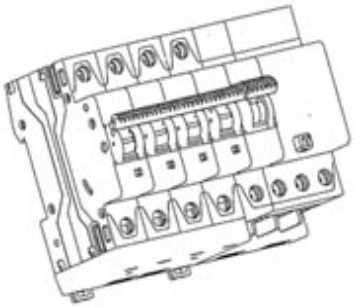
1)TURLEN HOLDING SA, A SWISS COMPANY,
C/O SIPO S.A., CHEMIN DU CHÄTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND

DATE OF REGISTRATION	17/12/2013
TITLE	WATCH

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
686702401	23/08/2013	WIPO



DESIGN NUMBER	258903	
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	259022	
CLASS	13-03	
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA		
DATE OF REGISTRATION	27/12/2013	
TITLE	ELECTRICAL SWITCHING DEVICE	
PRIORITY NA		
DESIGN NUMBER	256250	
CLASS	20-03	
1)M/S. MAHINDRA REVA ELECTRIC VEHICLES PRIVATE LIMITED, HAVING ITS PLACE OF BUSINESS AT NO. 122 E, BOMMASANDRA INDUSTRIAL ESTATE, OFF HOSUR ROAD, BANGALORE-560099, KARNATAKA, INDIA		
DATE OF REGISTRATION	06/09/2013	
TITLE	DISPLAY BOARD FOR ELECTRIC VEHICLE CHARGING POINT	
PRIORITY NA		

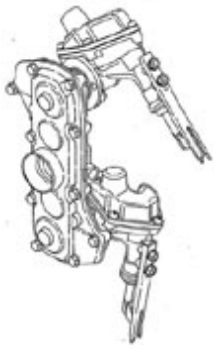
DESIGN NUMBER	259466
CLASS	08-06
1)KAPILBHAI BALVANTRAI VYAS AND JIGNESHBHAI CHHAGANBHAI GOHEL BOTH INDIAN NATIONAL PARTNER OF RATNAPRABHA HARDWARE AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:- 6, PARSANA SOCIETY, 50 FEET ROAD, KOTHARIYA MAIN ROAD, RAJKOT-2. GUJARAT-INDIA	
DATE OF REGISTRATION	17/01/2014
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	231780
CLASS	15-03
1)YANMAR CO., LTD, 1-32, CHAYA-MACHI, KITA-KU, OSAKA-SHI, OSAKA 530-8311, JAPAN	
DATE OF REGISTRATION	05/10/2010
TITLE	A SEEDLING-PLANTING DEVICE FOR RICE PLANTING MACHINE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2010-8791	07/04/2010	JAPAN



DESIGN NUMBER	258997
CLASS	24-02
1)KARL STORZ GMBH & CO. KG, A GERMAN COMPANY OF MITTELSTRASSE 8, D-78532 TUTTLINGEN, GERMANY	
DATE OF REGISTRATION	26/12/2013
TITLE	SUTURE INSTRUMENT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002264168	27/06/2013	OHIM



DESIGN NUMBER	254255
CLASS	23-01
1)WHIRLPOOL CORPORATION, A COMPANY INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA AND HAVING ITS ADDRESS AT 2000 NORTH M-63, BENTON HARBOR, MICHIGAN 49022, UNITED STATES OF AMERICA [US]	
DATE OF REGISTRATION	03/06/2013
TITLE	WATER FILTER ASSEMBLY
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/438,804	04/12/2012	U.S.A.



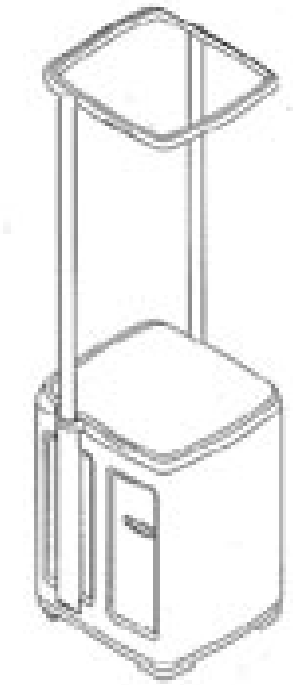
DESIGN NUMBER	255394
CLASS	09-01
1)STC NDIAPVT. LTD., A-505, WESTERN EDGE-II, WESTERN EXPRESS HIGHWAY, BORIVLI (E), MUMBAI 400066, MAHARASHTRA, INDIA OF SHRI PANKAJ KHANTILAL SHAH, INDIAN NATIONAL	
DATE OF REGISTRATION	25/07/2013
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	259342
CLASS	11-01
1)H. K JEWELS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF 1701-A, 17TH FLOOR, THE CAPITAL BUILDING, B-WING, OPP ICICI BANK, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI-400051, INDIA	
DATE OF REGISTRATION	10/01/2014
TITLE	PENDANT
PRIORITY NA	



DESIGN NUMBER	258891
CLASS	15-05
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA	
DATE OF REGISTRATION	20/12/2013
TITLE	WASHING MACHINE



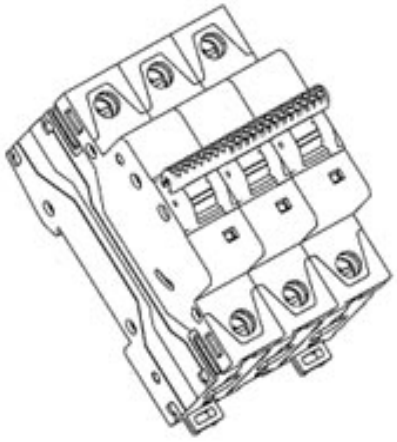
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0032142	21/06/2013	KOREA(SOUTH)

DESIGN NUMBER	258960
CLASS	06-06
1)SARASWATI INDUSTRIES., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT 203/A, RAJ UMANG 1, CHS SHIV VALLABH ROAD, ASHOK VAN, NEAR MARUTI NAGAR, DAHISAR (EAST), MUMBAI-400068. MAHARASHTRA, INDIA. WHOSE PARTNERS ARE (1) ARUNA BIPIN RATHOD. (INDIAN NATIONAL), & (2) KRUPA HIMANSHU RATHOD. (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS	
DATE OF REGISTRATION	24/12/2013
TITLE	FURNITURE LEG
PRIORITY NA	



DESIGN NUMBER	259015
CLASS	13-03
1)NOVATEUR ELECTRICAL & DIGITAL SYSTEMS PVT. LTD., A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 61/62, 6TH FLOOR, KALPATARU SQUARE, KONDIVITA ROAD, OFF ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400059, INDIA	
DATE OF REGISTRATION	27/12/2013
TITLE	ELECTRICAL SWITCHING DEVICE
PRIORITY NA	



DESIGN NUMBER	259824
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	



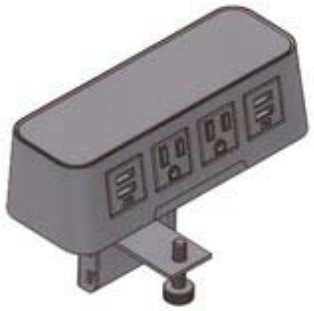
DESIGN NUMBER	259500
CLASS	11-02
1)AMAR SINGH YADAV, TRADING AS M/S. S. N. GLASS DECORATERS, SITUATED AT 2/778, SUHAG NAGAR, FIROZABAD (U.P.) INDIA, OF ABOVE ADDRESS	
DATE OF REGISTRATION	20/01/2014
TITLE	FLOWER VASE
PRIORITY NA	



DESIGN NUMBER	257495
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	259132	
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	30/12/2013	
TITLE	SEALING RING	
PRIORITY NA		
DESIGN NUMBER	259644	
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	HAND GRIP FOR CRUTCH	
PRIORITY NA		
DESIGN NUMBER	259818	
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	SIDE COVER FOR MOTORCYCLE	
PRIORITY NA		

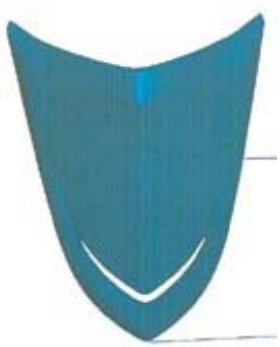
DESIGN NUMBER	255573
CLASS	05-06
1)SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA	
DATE OF REGISTRATION	31/07/2013
TITLE	DECORATIVE SHEET MATERIAL



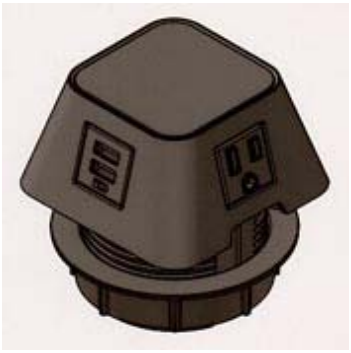
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0032307	24/06/2013	REPUBLIC OF KOREA

DESIGN NUMBER	256536
CLASS	12-11
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT JAYALAKSHMI ESTATES, 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	17/09/2013
TITLE	FRONT TOP PANEL FOR SCOOTER
PRIORITY NA	



DESIGN NUMBER	257491
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
29/452,252	15/04/2013	U.S.A.

DESIGN NUMBER	258168
CLASS	02-05
1)TAHILIANI DESIGN PRIVATE LIMITED, WHICH IS OF THE ADDRESS 708, PACE CITY-2, SECTOR-37, PART-II, GURGAON (HARYANA), A COMPANY INCORPORATED UNDER THE LAWS OF INDIA	
DATE OF REGISTRATION	14/11/2013
TITLE	STOLE
PRIORITY NA	



DESIGN NUMBER	259129
CLASS	23-01
1)ASHIRVAD PIPES PVT. LTD, A COMPANY REGISTERED UNDER THE COMPANIES ACT 1956 HAVING ITS REGISTERED OFFICE 4-B, ATTIBELE INDUSTRIAL AREA, HOSUR ROAD, BANGALORE-562107, KARNATAKA, INDIA; NATIONALITY: INDIAN	
DATE OF REGISTRATION	30/12/2013
TITLE	SEALING RING
PRIORITY NA	



DESIGN NUMBER	258824
CLASS	12-08
1)VOLKSWAGEN AKTIENGESELLSCHAFT, A GERMAN COMPANY OF BERLINER RING 2, 38440 WOLFSBURG, GERMANY	
DATE OF REGISTRATION	18/12/2013
TITLE	CAR
PRIORITY NA	



DESIGN NUMBER	259495	
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	259637	
CLASS	12-16	
1)MANISH GRAPHICS, SHOP NO. 03, PLOT NO. 69, RAJA GARDEN, NEW DELHI-110015, INDIA (AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:-MR. MANISH AN INDIAN NATIONAL OF THE ABOVE ADDRESS		
DATE OF REGISTRATION	23/01/2014	
TITLE	PROTECTOR FRAME FOR HIGH SECURITY NUMBER PLATE	
PRIORITY NA		
DESIGN NUMBER	259817	
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	COWLING FOR MOTORCYCLE	
PRIORITY NA		

DESIGN NUMBER	258396
CLASS	23-02
1)ACRYSIL GMBH.; A COMPANY INCORPORATED UNDER THE LAW OF INDIA; ADDRESS AT, DARMSTADTER LANDSTRASSE 125, D-60598 FRANKFURT MAIN, GERMANY	
DATE OF REGISTRATION	26/11/2013
TITLE	WASH BASIN
PRIORITY NA	



DESIGN NUMBER	257711
CLASS	07-02
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA	
DATE OF REGISTRATION	24/10/2013
TITLE	CONTAINER LID
PRIORITY NA	

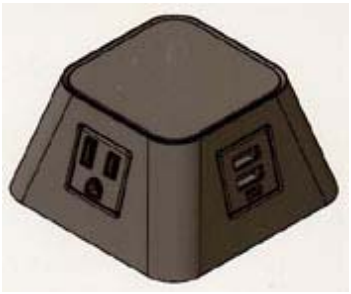


DESIGN NUMBER	256535
CLASS	12-11
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT JAYALAKSHMI ESTATES 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	17/09/2013
TITLE	HEADLAMP HOUSING (REAR) FOR SCOOTER
PRIORITY NA	



DESIGN NUMBER	257490
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
29/452,252	15/04/2013	U.S.A.



DESIGN NUMBER	258059
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	11/11/2013
TITLE	AIRCON DUCT FOR BACKHOE LOADER
PRIORITY NA	



DESIGN NUMBER	258925
CLASS	02-04
1)VALENTINO S.P.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF VIA TURATI, 16/18, I-20121 MILANO, ITALY	
DATE OF REGISTRATION	23/12/2013
TITLE	SHOE
PRIORITY	

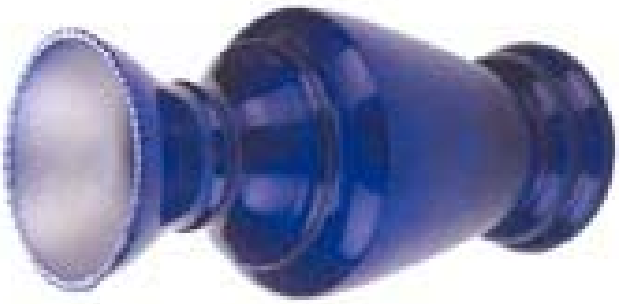
PRIORITY NUMBER	DATE	COUNTRY
002262378	25/06/2013	OHIM



DESIGN NUMBER	256162
CLASS	09-01
1)ORGANIC INDUSTRIES PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT 5TH FLOOR, B-WING, PRATIK INDUSTRIAL ESTATE, NEAR FORTIS HOSPITAL, BHANDUP(W), MUMBAI-400078, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	02/09/2013
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	259492
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	255412
CLASS	09-01
1)DON & SCHOLAR SPIRITS LIMITED A COMPANY ESTABLISHED AS PER THE LAWS OF SCOTLAND WHOSE ADDRESS IS AT BLUE SQUARE HOUSE, 272 BATH STREET GLASGOW, SCOTLAND, G2 4JR, SCOTLAND	
DATE OF REGISTRATION	26/07/2013
TITLE	BOTTLE
PRIORITY NA	



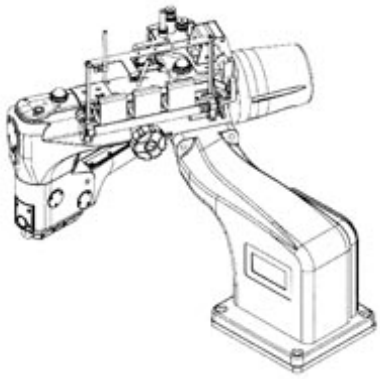
DESIGN NUMBER	258390
CLASS	12-02
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	26/11/2013
TITLE	TROLLEY FOR MEDICAL DIAGNOSTIC IMAGING SYSTEM



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002263293-0001	29/06/2013	OHIM

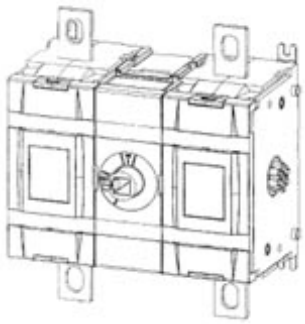
DESIGN NUMBER	259230
CLASS	15-06
1)KAULIN MFG. CO., LTD, A CORPORATION INCORPORATED UNDER THE LAWS OF TAIWAN (R.O.C.), HAVING ITS REGISTERED OFFICE AT 11F., NO. 128, SEC. 3, MIN-SHEN E. RD., SONG-SHAN DISTRICT, TAIPEI CITY, TAIWAN (R.O.C.)	
DATE OF REGISTRATION	03/01/2014
TITLE	SEWING MACHINE
PRIORITY NA	



DESIGN NUMBER	259347
CLASS	11-01
1)H. K JEWELS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF 1701-A, 17TH FLOOR, THE CAPITAL BUILDING, B-WING, OPP ICICI BANK, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI-400051, INDIA	
DATE OF REGISTRATION	10/01/2014
TITLE	PENDANT
PRIORITY NA	



DESIGN NUMBER	258143
CLASS	13-03
1)ABB OY, A COMPANY OF FINLAND OF STRÖMBERGINTIE 1, FI-00380 HELSINKI, FINLAND	
DATE OF REGISTRATION	13/11/2013
TITLE	DIRECT CURRENT SWITCH



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002237636	15/05/2013	OHIM

DESIGN NUMBER	258926
CLASS	02-04
1)VALENTINO S.P.A., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF VIA TURATI, 16/18, I-20121 MILANO, ITALY	
DATE OF REGISTRATION	23/12/2013
TITLE	FOOTWEAR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002262378	25/06/2013	OHIM

DESIGN NUMBER	259127
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	30/12/2013
TITLE	SEALING RING
PRIORITY NA	



DESIGN NUMBER	258394	
CLASS	23-02	
1)ACRYSIL GMBH.; A COMPANY INCORPORATED UNDER THE LAW OF INDIA; ADDRESS AT, DARMSTADTER LANDSTRASSE 125, D-60598 FRANKFURT MAIN, GERMANY		
DATE OF REGISTRATION	26/11/2013	
TITLE	WASH BASIN	
PRIORITY NA		
DESIGN NUMBER	256533	
CLASS	12-11	
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT JAYALAKSHMI ESTATES, 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA		
DATE OF REGISTRATION	17/09/2013	
TITLE	HEADLAMP FOR SCOOTER	
PRIORITY NA		
DESIGN NUMBER	259349	
CLASS	12-11	
1)HERO MOTOCORP LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110 057		
DATE OF REGISTRATION	10/01/2014	
TITLE	MOTORCYCLE	
PRIORITY NA		

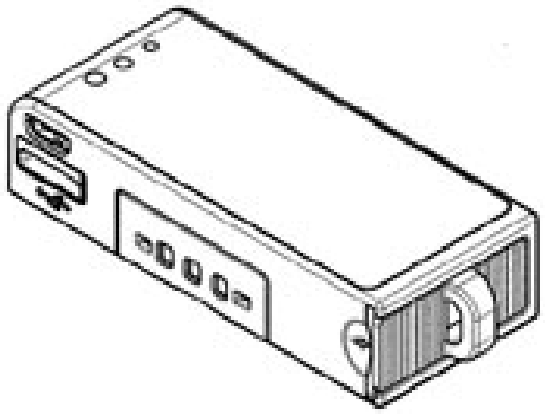
DESIGN NUMBER	258051
CLASS	13-02

1)BROGAN, HUGH, HAVING OFFICE AT
THE FLAT, BROOKVILLE, MAIN ROAD, BALLABEG, IM9 4LE, ISLE OF MAN, UNITED KINGDOM

DATE OF REGISTRATION	08/11/2013
TITLE	BATTERY PACK WITH MULTIPLE CONNECTORS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
EU 002234369	08/05/2013	OHIM



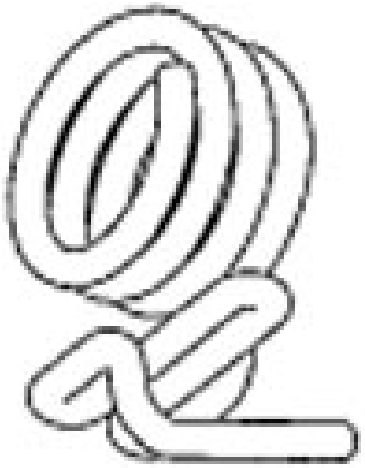
DESIGN NUMBER	259557
CLASS	24-99

1)C. R. BARD, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW JERSEY,
OF 730 CENTRAL AVENUE, MURRAY HILL, NEW JERSEY 07974, U.S.A.

DATE OF REGISTRATION	22/01/2014
TITLE	TISSUE MARKER FOR INTRACORPOREAL SITE IDENTIFICATION

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/467,897	24/09/2013	U.S.A.



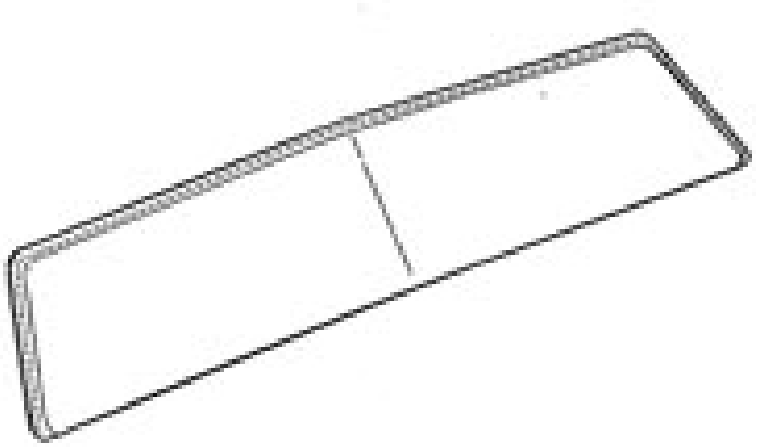
DESIGN NUMBER	254226
CLASS	07-99

1)CHRISTIAN DIOR COUTURE, A FRENCH PUBLIC LIMITED COMPANY OF
30 AVENUE MONTAIGNE, 75008 PARIS, FRANCE

DATE OF REGISTRATION	31/05/2013
TITLE	SHOE TREE FOR SNEAKER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DM/080 418	06/12/2012	WIPO



DESIGN NUMBER	259341
CLASS	11-01
1)H. K JEWELS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF 1701-A, 17TH FLOOR, THE CAPITAL BUILDING, B-WING, OPP ICICI BANK, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI-400051, INDIA	
DATE OF REGISTRATION	10/01/2014
TITLE	PENDANT
PRIORITY NA	



DESIGN NUMBER	258139
CLASS	09-02
1)BORIS TATIEVSKI, OF MARTIN-BUBER-STRAßE 12, 14163 BERLIN, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	13/11/2013
TITLE	OIL CANISTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002336057-0001/0008	30/10/2013	OHIM

