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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

25th JANUARY, 2013

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**THE PATENT OFFICE
KOLKATA, 25/01/2013**

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

Website: www.ipindia.nic.in

www.patentoffice.nic.in

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

पेटेंट कार्यालय
कोलकाता, दिनांक 25/01/2013
कार्यालयों के क्षेत्राधिकार के पते
**विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ
नीचे दिए गए हैं :-**

1	<p>कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: cgpdtm@nic.in</p>	4	<p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु इंगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्ष्मीप</p>
2	<p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	5	<p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र</p>
3	<p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>		

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, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

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SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2010/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :11/07/2012

(43) Publication Date : 25/01/2013

(54) Title of the invention : NEUROMUSCULAR STIMULATOR WITH ELECTROMYOGRAPHY

(51) International classification	:A61B5/0488, A61N1/36	(71) Name of Applicant : 1)KRISHNA INSTITUTE OF MEDICAL SCIENCES Address of Applicant :KRISHNA INSTITUTE OF MEDICAL SCIENCES NEAR DHEBEWADI ROAD MALKAPUR KARAD Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Shweta A. Borkar
(87) International Publication No	: NA	2)Dr.A.V.Nadkarni
(61) Patent of Addition to Application Number	:NA	3)Mr. R.T. Patil
Filing Date	:NA	4)Mr. M. S. Kumbhar
(62) Divisional to Application Number	:NA	5)Mr. S. R. Jagtap
Filing Date	:NA	6)Dr. V.K.Dhulkhed

(57) Abstract :

The NEUROMUSCULAR STIMULATOR WITH ELECTROMYOGRAPHY is designed to monitor NM function more accurately objectively and with ready digital readings on LCD display as Test Results improving greatly the convenience of treating doctor as well as markedly improve patient services adding safety and care. It will find usefulness in many other areas of medical paramedical fields for teaching monitoring diagnostic and therapeutic purposes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2012

(21) Application No.3354/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TRAINING KIT OF WEIGHT ADJUSTABLE MANNEQUINS AND CUSTOMISED NEONATAL GROWTH MONITORING CHARTS

(51) International classification	:A61B5/00	(71) Name of Applicant : 1)KRISHNA INSTITUTE OF MEDICAL SCIENCES Address of Applicant :KRISHNA INSTITUTE OF MEDICAL SCIENCES NEAR DHEBEWADI ROAD MALKAPUR KARAD Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DR. ASHA KRISHNA PRATINIDHI 2)DR. SATISH VASANT KAKADE 3)DR. SATISH PAWAR. 4)DR. ABHIJIT BAGADE 5)DR. MRS. SUPRIYA S. PATIL 6)DR. SUJATA VIJAYSINH PATIL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Training kit of weight adjustable mannequins and customised neonatal growth monitoring charts is a training kit for health workers consisting of four patterns of neonatal growth monitoring charts and four mannequins corresponding to four birth weight groups namely Group I 1000gm to 1499gm Group II 1500gm to 1999gm Group III 2000gm to 2499gms Group IV 2500gm and above. With the help of this kit any health worker can be trained to accurately weigh the mannequin plot the weight at the appropriate day after birth interpret the growth of the baby as satisfactory less satisfactory or unsatisfactory corresponding to green yellow and pink coloured zones on the growth monitoring charts and take recommended action of continued care at home (Green Zone) supervised care at home (Yellow Zone) or referral for specialist care (Pink Zone).

No. of Pages : 17 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2012

(21) Application No.3597/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CRUSHING MACHINE FOR EMPTY PLASTIC BOTTLES

(51) International classification	:B02C19/00	(71) Name of Applicant : 1)NATVARLAL POPATLAL SACHANIA Address of Applicant :303, WIMALA APARTMENT, A MARVE ROAD, MALAD (WEST), MUMBAI-400 064, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)NATVARLAL POPATLAL SACHANIA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Portable crushing machine for continuously crushing of used and empty plastic bottles comprising, a body frame (1) with six numbers adjustable tie bolt (2) for fixing the device comprising two numbers of sprocket wheels (4) mounted on the bearing blocks (3) at a distance in the same axis on the frame (1); similar smaller dimension sprocket wheels (7) two in numbers are also mounted on bearing blocks (8) with adjustable bearing blocks (9) in the same axis at a smaller distance; the said sprocket wheels are driven by single phase motors (16) vide chain belt (5) drive having spikes (15) so that the upper larger diameter sprocket wheel will be driven by small diameter sprocket wheel situated below; there is provided guide roller/ pressing roller (6) for bringing both the chain belt closer to each other for crushing the empty bottle (11) sequentially into a oval bottle (12) and crush bottle (13) and deliver the flat bottle (14) into the collecting chamber (10); empty bottles places horizontally one after another with be crushed by spikes conveying motion of the sheet of spikes mounted on both sides of sprocket wheels.

No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2012

(21) Application No.3371/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : KSHARSUTRA CARRIER CUM APPLICATION DEVICE

(51) International classification	:A61B17/00	(71) Name of Applicant : 1)DWIVEDI AMARPRakash PRASiddhnarayAn Address of Applicant :303, WHITE HOUSE CO-OP HSG. SOC. POKHRAN RD. NO. 01, KHOPAT, THANE-W, MAHARASHTRA, PINCODE: 400 601, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 subject invention describes a carrier cum applicator device for delivering Ksharsutra in fistulous track of human body, more particularly for delivering Ksharsutra in Fistula-in-ano and Pilonidal Sinus track.

No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/01/2012

(21) Application No.258/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR STIRRING AND HOMOGENIZING MOLTEN GLASS

(51) International classification	:C03B 5/00	(71) Name of Applicant : 1)STERLITE TECHNOLOGIES LTD. Address of Applicant :E1/E2/E3, MIDC, WALUJ, AURANGABAD - 431136, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SANDEEP ARJUN GAIKWAD
(87) International Publication No	:N/A	2)PARESH BHASKARRAO JOSHI
(61) Patent of Addition to Application Number	:NA	3)JEETENDRA SEHGAL
Filing Date	:NA	4)DEEPAK PRADEEP THAKUR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a stirring apparatus in accordance with the embodiment of the present invention. The stirring apparatus comprises a stir chamber having a substantially cylindrical shape with a port for molten glass to enter the stir chamber and another port for molten glass to move the stirred molten glass out of the stir chamber. A stirrer comprising a central shaft with plurality of blades extending from the shaft which serve to mix the molten glass as it passes from the top to the bottom of the stir chamber, is enclosed within the stir chamber, wherein the stirrer blades are featured in having a shape which is substantially hemispheroid or concave or bowl shaped. A method of using the stirring apparatus is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3006/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MAC C ATTACHMENT TO CONVENTIONAL LARYNGOSCOPE BLADE

(51) International classification	:A61B1/267	(71) Name of Applicant : 1)KRISHNA INSTITUTE OF MEDICAL SCIENCES Address of Applicant :KRISHNA INSTITUTE OF MEDICAL SCIENCES NEAR DHEBEWADI ROAD MALKAPUR KARAD- 415110 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	1)DR.V.K.DHULKHED
Filing Date	:NA	2)DR.PAVAN DHULKHED
(62) Divisional to Application Number	:NA	3)DR.A.V.NADKARNI
Filing Date	:NA	

(57) Abstract :

A detachable moulded steel plate attachment to the laryngoscope blade which consist a specially moulded steel plate which can be slid on to the flange of the laryngoscope blade with the idea that it would act as a bridge across the alveolar cleft and prevent the blade from sinking into the cleft.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.4590/CHE/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CLUTCH ACTUATOR FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification

:f16h

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES□, NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
Nadu India

(72)Name of Inventor :

1)KANDREGULA SRINIVASA RAO

2)YALAMURU RAMACHANDRA BABU

3)KRISHNABHATTA NAGARAJA

(57) Abstract :

The present subject matter discloses an electrically operated clutch actuator for an automatic transmission system for automatic disengagement and controlled re-engagement of a multi plate clutch assembly in a four stroke single cylinder internal combustion engine. It comprises of a clutch actuation motor mounted to an external surface of a clutch cover and sealed against ingress of oil, a reduction gear box connected to the said actuation motor for reducing the power received from the said clutch actuation motor, a power transmission mechanism for converting rotational driving force of the said clutch actuation motor into linear contact displacement force and a clutch actuation sensor for detecting the actuation of the clutch. The invention increases the operator comfort and provides better rideability of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2011

(21) Application No.4622/CHE/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONTROL UNIT

(51) International classification	:G06F9/00, G0619/00	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES NO.29(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SAMRAJ JABEZ DHINAGAR
(87) International Publication No	: NA	2)NAGA KAVITHA KOMMURI
(61) Patent of Addition to Application Number	:NA	3)HIMADRI BHUSHAN DAS
Filing Date	:NA	4)LAKSHMINARAYANA PADHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a control unit where the engine control functionality and automatic manual transmission functionality is integrated. The said unit is also provided with additional safety critical functionalities and engine start stop functionality.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2012

(21) Application No.5493/CHE/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INVITRO PHARMACOKINETIC ANALYZER: MULTI KINETIC COMPARTMENTS OPEN MODEL/SIMULATED PHYSIOLOGIC COMPARTMENTS MODEL FOR INTRAVENOUS ADMINISTRATION

(51) International classification	:G01N33/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)KANNISSEY PRAMOD
(32) Priority Date	:NA	Address of Applicant :SREEVISHNU HOUSE, THUMBIKANDIPARAMBA, PEOPLES ROAD, WEST HILL P.O., CALICUT - 673 005 Kerala India
(33) Name of priority country	:NA	2)KALLUPARAMPIL JOSEPH DILEEP
(86) International Application No	:NA	3)JOSE JOMY
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)KANNISSEY PRAMOD
(61) Patent of Addition to Application Number	:NA	2)KALLUPARAMPIL JOSEPH DILEEP
Filing Date	:NA	3)JOSE JOMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An in vitro Pharmacokinetic analyzing apparatus for in vitro pharmacokinetic evaluation of drugs and pharmaceuticals following one compartment open model and prediction of their in vivo pharmacokinetic behavior after intravenous administration is provided. The apparatus comprising of two modules namely a systemic module and an elimination module, each thereof connected with fluid circulation tubings. The tubes are connected through variable speed peristaltic pumps to regulate the flow rate of fluids. The systemic module comprised of a systemic fluid vessel with a lid, systemic fluid which can be water, buffer solution, serum, plasma or whole blood. It also comprises of a variable speed peristaltic pump, and fluid connecting tubings through which systemic fluid is circulated continuously through the connecting tubings and elimination module to effect drug excretion. An injection portal is provided in the systemic fluid inlet tube just above the systemic fluid vessel. Sampling ports are provided with at the systemic fluid vessel as well as at entry and exit points of systemic fluid in drug diffusion unit from which samples are collected for analysis. A magnetic stirrer is used to ensure homogenous mixing of systemic fluid. The elimination module comprised of a drug diffusion unit through inner capillaries of which systemic fluid is circulated continuously while water/buffer solution from a reservoir is pumped through the outer compartment to effect drug diffusion and elimination. The fluid outlet from the outer compartment is collected in a collection vessel. Samples of fluid can be collected from the collecting vessel for analysis. An in vitro systemic fluid concentration - time profile similar to that of invivo blood, plasma or serum concentration -time profile can be generated from drug concentration analysis of systemic fluid samples collected at predetermined time intervals after administration of drug or pharmaceutical formulation through the injection portal. From the data all relevant pharmacokinetic parameters related to intravenous bolus single dose and multiple doses, intravenous infusion alone or with loading dose administrations can be calculated. Calculation of all pharmacokinetic parameters are also possible from the data generated from analysis of samples collected from the collection vessel at different time intervals which simulates urine sample analysis. Results obtained from these data can be used for prediction of invivo performance, bioavailability and bioequivalence studies.

No. of Pages : 13 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2012

(21) Application No.5315/CHE/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR INSERTING IMMERSE CONTENTS INTO EBOOK

(51) International classification	:G06F
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HCL TECHNOLOGIES LIMITED

Address of Applicant :HCL TECHNOLOGIES LTD., 50-53
GREAMS ROAD, CHENNAI - 600 006 Tamil Nadu India

(72)Name of Inventor :

1)RAMPRASATH VENUGOPAL

2)ARUN PRASAD SUBBARAYAN

(57) Abstract :

A method and system for adding immersive contents into existing eBooks and making interactive and engaging to readers is disclosed. The method and system comprises an authoring tool for adding immersive contents. The immersive contents are added in the form of widgets. The contents for the widgets are inputted by using the authoring tool. The interactive eBook is provided to the user through an application on a device. The application that provides the immersive content to the user comprises a viewer runtime that executes the widgets within the eBook.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2012

(21) Application No.5347/CHE/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FUEL LESS GENERATOR

(51) International classification	:H02K	(71) Name of Applicant : 1)J.R. SURIYANARAYANAN Address of Applicant :NO.7, 6TH CROSS STREET, IYYAPA NAGAR, KAMARAJAPURAM, CHENNAI - 600 073 Tamil Nadu 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)J.R. SURIYANARAYANAN
Filing Date	:NA	
(87) 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 :

Today Electricity is the most important for day-to-day use. But, it is produced in number of ways and in all the ways it is not satisfied. So, the production of the electricity is not sufficient. Keeping this view. I have discovered/found a latest machine to produce the electricity. This machine does not require air, sunlight, fuels and materials for burning. This machine can be operated 24 hours without break thereby no disturbance to the surroundings and pollutions. With the help of this machine we can operate all types of automobiles without using materials like petrol and diesel. We can also produce a machine for operating from 1 KV to 200 MV in cheaper rate. Apart from the above, we can produce the electricity by avoiding the latest Atomic Reactor. We do not require reactor, turbine and cooling tower to produce the electricity. This machine which I have found can operate the thermal station also. In all the ways it is cheaper with comparing the other machines. I conclude, I am very proud to introduce this machine which is invented by me.

No. of Pages : 6 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2012

(21) Application No.5553/CHE/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SMOG RELIEF TILES

(51) International classification	:C04B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ORIENT BELL LTD
(32) Priority Date	:NA	Address of Applicant :CHOKKAHALLI VILLAGE,
(33) Name of priority country	:NA	HOSKOTE, BANGALORE - 562 114 Karnataka India
(86) International Application No	:NA	2)MR. VIJAY SHANKAR SHARMA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MR. C.S. MUTHY
(61) Patent of Addition to Application Number	:NA	2)MR. ANIL AGARWAL
Filing Date	:NA	3)MR. ALAKESH MAHATA
(62) Divisional to Application Number	:NA	4)MR. R. VINOCHAN
Filing Date	:NA	

(57) Abstract :

Generally smog is linked to a number of respiratory illness and cause coughing and breathing difficulties. Smog is formed when Nitrogen Oxide mixed in the air with other chemicals in presence of sunlight and heat. Nitrogen Oxide is emitted as a byproduct of burning fossil fuels (Coal, petroleum Natural gases which contain high presence of carbon) in vehicles and electric power plants. Air gets polluted due to smog and attacks human beings and the building exteriors. How to neutralize the smog is an important issue in the environmental pollution control system. Titanium dioxide, a photo catalyst, can oxidize harmful air pollutants emitted in the burning of fossil fuels. In the presence of sunlight, TiO₂ breaks down Nitrogen Oxide in the air and turns those in to harmless calcium nitrate. Thus produced calcium Nitrate can be removed by water treatment, which is used as a fertilizer. Nitrogen Oxide, a primary component of smog, is one of the contaminants rendered harmless by TiO₂. The reaction between the Titanium Dioxide, ultra violet light and humidity transforms the airborne Nitrogen Oxide into a Nitrate that which perhaps is not ecologically neutral certainly is better for air quality. TiO₂ is being used from tooth paste to white paints. TiO₂ is a photo catalyst under Ultra Violet light. Aluminum panels with Paints eat Smog. So, when it exposed to sunlight its electron energies, and upon contact with water vapor in the air, attack particles of organic matter lying as a surface. This junk organic matter hanging washes away during rains. The commercial TiO₂ Smog eating concept is being used by multinational cement and concrete company. Ital Cement group developed anti pollutant concrete for commercial building with a goal to keep away birds poop and changing calcium Nitrate stick and keep the building cleaner. - Rome church exterior walls used self cleaning titanium base substance to keep area free from pollution. - Ital cements claims, it has reduced Nitrogen Oxide by 60% by using cement concrete with smog eating effects on the town segrate near Milan Italy. - The Titanium Dioxide used substance has been used by CDG Airport in Paris, Police commissioner building in France. - Pureti, a New York City base company has developed a TiO₂ Nanoparticles Spray, used on a variety of surfaces such as Road, Roof top, Fabrics, building exterior Solar Panels, and windows. This has reduced smog by 50%. - Paint created with TiO₂ to filter out Nitrogen Oxide has been applied on the walls near highways in the cities of Manila and Philippines, they called it smog scrubbing paint program. Need of the hour: Growing cities, using more vehicles burning Fossil fuels, emitting nitrogen oxide, polluting the environment and smog eating the exterior Surface. Therefore, the de-polluting properties of TiO₂ in combination of Barium Carbonate have become significant to cost the exteriors with TiO₂ + BaCO₃ developed products. With this intention the abstract discloses SMOG RELIEF TILES to cover the exterior surface of the building to face and eat the smog and thereby help the environment and green building pollution free.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2012

(21) Application No.5494/CHE/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INVITRO PHARMACOKINETIC ANALYZER: ONE COMPARTMENT OPEN MODEL FOR EXTRAVASCULAR ADMINISTRATION (ORAL)

(51) International classification	:G01N33/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)KALLUPARAMPIL JOSEPH DILEEP
(32) Priority Date	:NA	Address of Applicant :KEERTHANAM, TC 14/667(2), POTHUJANAM LANE, KUMARAPURAM, MEDICAL COLLEGE, THIRUVANANTHAPURAM - 695 011 Kerala India
(33) Name of priority country	:NA	2)KANNISSEY PRAMOD
(86) International Application No	:NA	3)JOSE JOMY
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)DILEEP KALLUPARAMPIL JOSEPH
(61) Patent of Addition to Application Number	:NA	2)PRAMOD KANNISSEY
Filing Date	:NA	3)JOSE JOMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An invitro Pharmacokinetic analyzing apparatus for invitro pharmacokinetic evaluation of drugs and pharmaceuticals following one compartment open model, and prediction of their in vivo pharmacokinetic behavior after oral administration is provided. The apparatus comprising mainly of interconnected absorption module, a systemic module, and an elimination module each thereof are connected with fluid circulation tubings. Systemic fluid is circulated continuously from the systemic module through the elimination module and the absorption module to effect drug excretion and absorption respectively. Peristaltic pumps are used to regulate the flow rate of fluids. Drug or pharmaceutical dosage form is introduced in to the dissolution vessel. Samples are collected from sampling ports which are provided at the systemic fluid vessel as well as at entry and exit points of systemic fluid in drug diffusion units belong to elimination module and absorption module. Homogenous mixing of fluids is ensured. Samples of fluid can also be collected for analysis from the collecting vessel of elimination module. An invitro systemic fluid concentration - time profile similar to that of invivo blood, plasma or serum concentration -time profile for drugs following one compartment kinetics model after oral administration can be generated from drug concentration analysis of systemic fluid samples collected at predetermined time intervals from the main sampling port in systemic fluid vessel. From the data all relevant pharmacokinetic parameters related to oral administrations can be calculated. Calculation of all pharmacokinetic parameters are also possible from the data generated from analysis of samples collected at different time intervals from the collection vessel of elimination module which simulates urine sample analysis. Results obtained from all these data can be utilized for prediction of invivo performance, absorption, distribution and elimination characterization, and for bioavailability and bioequivalence analysis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.45/CHE/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VEHICLE CONTROL DEVICE

(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

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED

Address of Applicant : JAYALAKSHMI ESTATES □ NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006. Tamil
Nadu India

(72)Name of Inventor :

1)SAMRAJ JABEZ DHINAGAR

2)NAGA KAVITHA KOMMURI

3)HIMADRI BHUSAN DAS

4)LAKSHMINARAYANA PADHI

(57) Abstract :

The present invention provides a vehicle control device for an automated manual transmission (AMT) equipped engine wherein a auxiliary power source signal is provided to the AMT controller to have a controlled shut down mode or partial shut down mode.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.4586/CHE/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DRIVE DISABLING MECHANISM FOR A VEHICLE

(51) International classification	:F16D	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant :JAYALAKSHMI ESTATES □ NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu 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)KANDREGULA SRINIVASA RAO 2)KRISHNABHATTA NAGARAJA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a drive disabling mechanism capable to be accommodated with an automatic transmission system for clutch actuation to disengage the drive from the wheel of the vehicle. The present invention combines the functionality of an automatic clutch actuation mechanism along with the safety of a manual clutch disengagement mechanism and helps a rider to push the vehicle to a service centre in the event of automatic clutch actuation system failure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/11/2011

(21) Application No.3868/CHE/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMBUSTION ENHANCING STRUCTURE FOR ENGINES

(51) International classification	:F02B	(71) Name of Applicant : 1)GANESH.V. MATTIKOPPA Address of Applicant :#102, 4TH CROSS, B BLOCK, DEVRAJ URS LAYOUT, DAVANGERE - 06 Karnataka 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)GANESH.V. MATTIKOPPA
Filing Date	:NA	
(87) 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 disclosed is combustion enhancing structure for internal combustion engines which enhance the burning of fuel in internal combustion engine with the help of increased swirl and turbulence inside the cylinder of engine. The combustion enhancing structure comprises of blades extending radially from central slotted hub which is enclosed between upper plate and lower plate. The lower plate has elevation from central slotted hub towards periphery, so that gas flowing over it gets swirled. Increased swirl and turbulence helps in better mixing of fuel, so better combustion and less pollution. The present poppet valves of internal combustion engine can be easily modified to include combustion enhancing structure in an economical way.

No. of Pages : 11 No. of Claims : 8

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.189/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 25/01/2013

(54) Title of the invention : A COMPOSITION AND METHOD FOR ENHANCING THE PRODUCTION OF CRYSTAL AGGLOMERATES FROM A PRECIPITATION LIQUOR

(51) International classification	:C01F 7/02	(71) Name of Applicant : 1)NALCO COMPANY Address of Applicant :1601 W. DIEHL ROAD, NAPERVILLE, ILLINOIS 60563-1198, U.S.A.
(31) Priority Document No	:12/495,914	
(32) Priority Date	:01/07/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/040697 :01/07/2010	(72) Name of Inventor : 1)KOUZNETSOV, DMITRI, L. 2)LIU, JIANJUN 3)COLEMAN, KIM RICHARD 4)CHESTER, RYAN, TRAVIS 5)KILDEA, JOHN, D.
(87) International Publication No	:WO 2010/002952	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates ways to increase the output of a high quality product from the precipitation liquor crystallization process exemplified through the aluminum hydroxide recovery processes such as the Bayer process. The invention is a method of increasing the size of precipitated of a liquor. The invention in one embodiment relates to the use of a crystal growth modifier compositions added to the precipitation process to increase the particle size distribution of the precipitated alumina trihydrate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.190/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : WINDSHIELD WIPER DEVICE AND METHOD FOR OPERATING SUCH A WINDSHIELD WIPER DEVICE

(51) International classification	:B60S 1/08	(71) Name of Applicant :
(31) Priority Document No	:10 2009 029 098.2	1)ROBERT BOSCH GMBH
(32) Priority Date	:02/09/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/EP2010/060010	(72) Name of Inventor :
Filing Date	:13/07/2010	1)ZIMMER, JOACHIM
(87) International Publication No	:WO 2010/026679	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein is a windshield wiper device (1) having a wiper motor (11), which is actuated by a control unit (12) and which actuates a wiper (101, 102) to wipe a predetermined wiping area. The control unit (12) adjusts the wiping area of the wiper (101, 102) depending on an environmental and/or wiper parameter (13, 14).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.199/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AN UPRIGHT TYPE APPARATUS FOR CHARGING WIRELESS IC TAGS

(51) International classification	:H04L
(31) Priority Document No	:2011-012083
(32) Priority Date	:24/01/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/061114
Filing Date	:05/09/2011
(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)MITOMO CORPORATION

Address of Applicant :10-4, MEGURO-CHO, SEYA-KU,
YOKOHAMA-SHI KANAGAWA JAPAN

(72)Name of Inventor :

1)KIKUO KAGA

2)SHIGEO ASHIZAWA

(57) Abstract :

An upright type apparatus for charging wireless IC tags, which requires a less grounding area, may be set at a free position away from a mixing vessel used for mixing/kneading wireless IC tags with the object to be charged, and can charge a number of wireless IC tags to the mixing vessel securely and within a short time is provided. The apparatus for charging wireless IC tags according to the present invention comprises; a vibration alignment unit 40 for aligning wireless IC tags by applying vibrating force thereto, a separating unit 15 for separating the wireless IC tags fed in an aligned state into one by one and dropping them to a vertically-dropping passage 11, a plurality of IC tag processing units (1, 2, 3) disposed at the upper and lower positions relative to each other along the vertically-dropping passage 11, IC tag pressure feeding sections 31, 32, 33 respectively disposed to the lateral side of each of said units, a defective wireless IC tag reception section 30 provided to the lower section of the apparatus, and a control unit for controlling the operation of each of said units, wherein said IC tag processing unit includes; a stopper section 16 for opening/blocking said vertically-dropping passage, a distribution section 70 disposed beneath the stopper section and adapted to distribute wireless IC tags so that they are either received on the vertically-dropping passage and then pushed to the IC tag pressure feeding section locating at the lateral side or dropped to the area beneath the vertically-dropping passage, a data writing section 36 provided to the position of said stopper section for writing data to the wireless IC tags received on said stopper by means of a radio communication means, and a data reading-out section 37 provided to the position of said distribution section for reading out data from the wireless IC tags with written data having been received by the distribution section by means of a radio communication means.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2011/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FIBROUS SCREEN CLEANER

(51) International classification	:H01J
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FANI BHUSHAN

Address of Applicant :A 601, PLOT NO. 9, CHITRAKOOT APPT. SEC-22 DWARKA, NEW DELHI-75 India

(72)Name of Inventor :

1)FANI BHUSHAN

(57) Abstract :

A hand held fibrous duster is disclosed. The hand held fibrous duster comprises of a base and a cleaning fabric. The base defines at least one curved cleaning surface configured to hold a cleaning fabric thereon. The cleaning fabric is mounted on the cleaning surface and covers at least a portion of the cleaning surface such that on sliding the duster against a surface, only a fraction of the cleaning fabric comes in contact with the surface, said fraction defines a cleaning edge that remains in contact with the surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.180/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AN ACCESS POINT, A SERVER AND A SYSTEM FOR DISTRIBUTING AN UNLIMITED NUMBER OF VIRTUAL IEEE 802.11 WIRELESS NETWORKS THROUGH A HETEROGENEOUS INFRASTRUCTURE

(51) International classification	:H04W 48/18
(31) Priority Document No	:0900827-7
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP2010/055958
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/145882
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANYFI NETWORKS AB

Address of Applicant :ANCKARGRIPSGATAN 3, S-211 19
MALMO, SWEDEN

(72)Name of Inventor :

1)SMEDMAN, BJORN

(57) Abstract :

There is provided methods, devices and computer program products for distributing a plurality of virtual IEEE 802.11 wireless networks through a heterogeneous infrastructure. A terminal sends a service provider request to an access point. The service provider request is forwarded to a master server which searches for available service providers. Acknowledgement information relating to available service providers capable of operatively connecting the terminal to the data communications network via the access point is sent by the master server to the access point. The access point forwards this information to the terminal. The access point may thus distribute a plurality of virtual IEEE 802.11 wireless networks, their number only constrained by the number of distinct identifiable service providers and the memory of the master server. A data connection may be established in the absence of a direct service agreement between the service provider of the terminal and the operator of the access point.

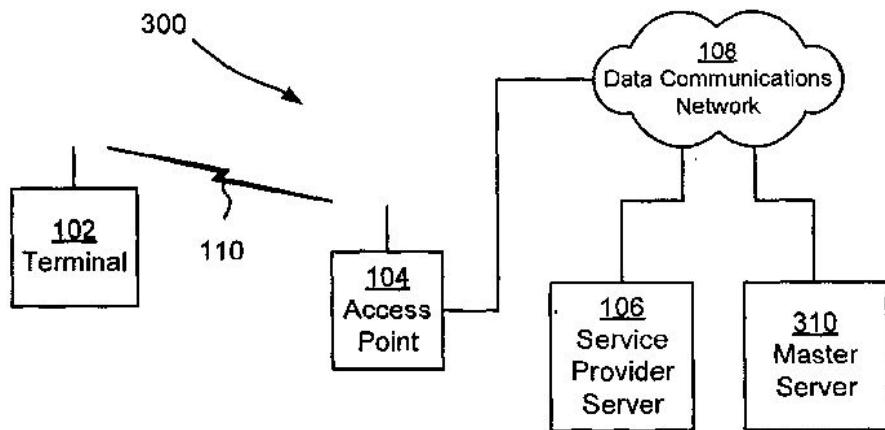


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.188/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF 5-HT2C RECEPTOR AGONISTS

(51) International classification	:C07C 17/16
(31) Priority Document No	:61/268,930
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039004
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/148207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARENA PHARMACEUTICALS, INC.

Address of Applicant :6166 NANCY RIDGE DRIVE, SAN DIEGO, CA 92121, U.S.A.

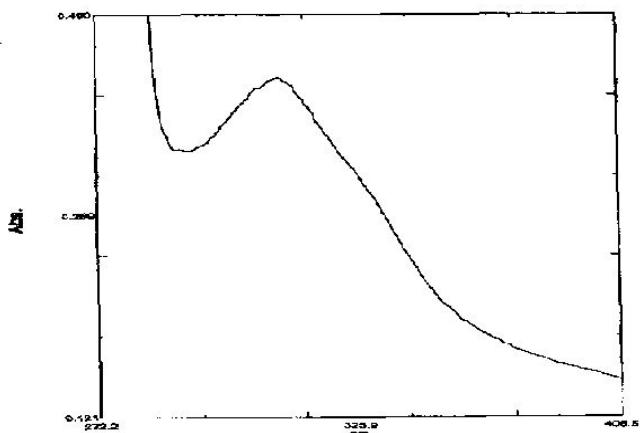
(72)Name of Inventor :

- 1)DEMATTI, JOHN, A.
- 2)CARLOS, MARLON
- 3)CASTRO, RYAN, O.
- 4)CHUANG, TSUNG-HSUN
- 5)HADD, MARK, ALLEN
- 6)LU, XIAO-XIONG
- 7)MACIAS, MARK
- 8)SHAW, STEPHEN, M.

(57) Abstract :

The present invention relates to processes and intermediates useful in the preparation of (R)-8-chloro-1-methyl-2,3,4,5-tetrahydro-1H-3-benzazepine (lorcaserin), a serotonin (5-HT) receptor modulator that is useful in the treatment of, for example, central nervous system disorders, such as obesity.

Figure 1



No. of Pages : 55 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.197/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DOSE UNIT, PACK OF DOSE UNITS AND INHALER FOR INHALATION OF COMBINATION OF DRUGS

(51) International classification	:A61M 15/00
(31) Priority Document No	:61/223,441
(32) Priority Date	:07/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2010/052888 :24/06/2010
(87) International Publication No	:WO 2010/004287
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PFIZER LIMITED

Address of Applicant :RAMSGATE ROAD, SANDWICH KENT CT13 9NJ U.K.

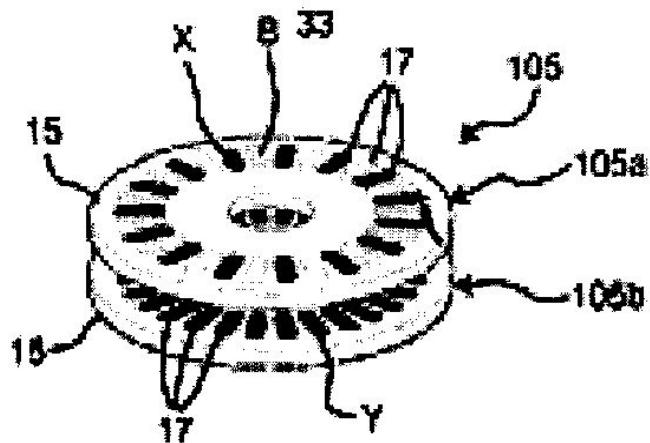
(72)Name of Inventor :

1)SMITH, IAN JOSEPH

(57) Abstract :

The invention relates to a dose unit for a dry powder inhaler comprising: - a dose carrier including a plurality of pockets (17) each adapted to contain a dose of medication powder suitable for inhalation, said pockets being sequentially arranged such that the content of the pockets (17) can be sequentially exposed to a flow of air for successive inhalations and - a plurality of medication powder doses (X) arranged in pockets (17) of the dose carrier (15). The doses are regularly distributed in the pockets according to a sequence of identical groups, each group including at least one blank pocket (B) and one pocket containing a dose of medication powder (X). The invention also relates to a pack (105) comprised of one such dose unit (105a) and one further dose unit (105b) with all pockets containing a medication powder (Y). The invention further relates to a dry powder inhaler including such a pack (105) of dose units.

Fig. 4



No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2018/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COPLANAR CLOSURE SLIDING MECHANISM FOR TWO OR THREE WING WARDROBES AND THE LIKE

(51) International classification	:F15B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DECOMA DESIGN S.R.L.

Address of Applicant :VIA CASNATI, 5 I-22060 FIGINO SERENZA, COMO, ITALY

(72)Name of Inventor :

1)MASCHERONI, LUIGI

(57) Abstract :

A coplanar closure sliding mechanism to be applied to a two or three wing wardrobe and the like, characterized in that said sliding mechanism comprises a rail fixed to a top surface of said wardrobe and thereon a sliding carriage coupled to a support bracket fixed to the wardrobe wing to be driven is slidingly engaged, said bracket being supported by sliding blocks perpendicular to the plane of said wardrobe wing, said sliding blocks and bracket being driven by a rod leverage coupled to one of said sliding blocks, to said carriage and supporting bracket, and being driven by movable follower cam wheels engaged in a chamber formed by a plate fixed to said rail to space, as said wardrobe wing is opened, said wing from said wardrobe and bring said wing onto another laying plane parallel to and overlapping an adjoining wardrobe wing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.176/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING(2,4-DIMETHYBIPHENYL-3-YL)ACETIC ACIDS, THE ESTERS THEREOF AND INTERMEDIATE COMPOUNDS

(51) International classification	:C07M	(71) Name of Applicant :
(31) Priority Document No	:09164792.5	1)BAYER CROPSCIENCE AG
(32) Priority Date	:07/07/2009	Address of Applicant :ALFRED-NOBEL-STRASSE 50, 40789 MONHEIM, GERMANY
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/003911	1)REINER FISCHER
Filing Date	:01/01/1900	2)THOMAS HIMMLER
(87) International Publication No	:WO 2010/003	3)WOLFGANG JOERGES
(61) Patent of Addition to Application Number	:NA	4)WERNER LINDER
Filing Date	:NA	5)WAHED AHMED MORADI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel process for preparing substituted and unsubstituted (2,4-dimethylbiphenyl-3-yl)acetic acids and their esters of the formula (I) using homogeneous and heterogeneous palladium catalysts, and also the intermediates 4-tert-butyl-2,6-dimethylphenylacetic acid and 4-tert-butyl-2,6-dimethylmandelic acid, and to processes for their preparation.

No. of Pages : 41 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.194/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PACKET CLASSIFICATION

(51) International classification	:H04L 12/56
(31) Priority Document No	:12/507,169
(32) Priority Date	:22/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042939
Filing Date	:22/07/2010
(87) International Publication No	:WO 2010/011625
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CISCO TECHNOLOGY, INC.

Address of Applicant :170 WEST TASMAN DRIVE, SAN JOSE, CALIFORNIA 95134, U.S.A.

(72)Name of Inventor :

1)DUTTA, DEBOJYOTI

2)SINGH, SUMEET

3)SUDAME, PRADEEP

4)RAJAN, SUNDAR

(57) Abstract :

Apparatuses, methods, and other embodiments associated with packet identification are described. One example apparatus includes a packet selection logic to identify packets associated with a data stream. The example apparatus may also include a set of packet classification logics. A packet classification logic may generate a signal as a function of whether an attribute associated with the packet matches an attribute associated with packets generated by a tested application.

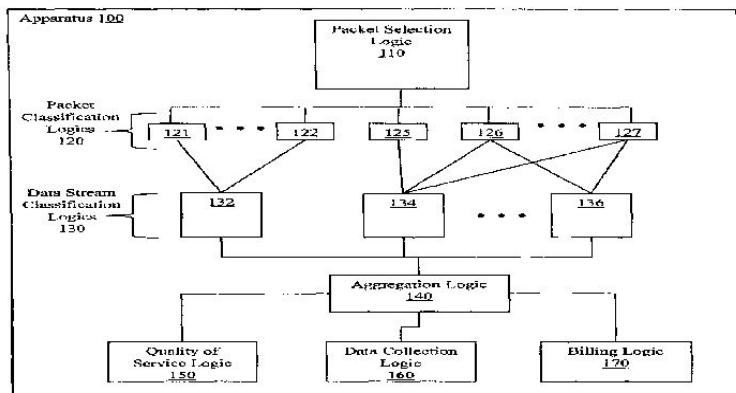


Figure 2.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.203/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMBINATION EAS AND RFID SECURITY TAG HAVING STRUCTURE FOR ORIENTING A HYBRID ANTENNA RFID ELEMENT

(51) International classification	:E05B 73/00	(71) Name of Applicant :
(31) Priority Document No	:61/270,024	1)SENSORMATIC ELECTRONICS
(32) Priority Date	:01/07/2009	Address of Applicant :6600 CONGRESS AVENUE, BOCA RATON, FLORIDA 33487 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/001835	(72) Name of Inventor :
Filing Date	:26/06/2010	1)COPELAND RICHARD LOYD
(87) International Publication No	:WO 2010/002495	2)DAY EDWARD
(61) Patent of Addition to Application Number	:NA	3)JOHNSON WILLIAM III.
Filing Date	:NA	4)LUO DAN
(62) Divisional to Application Number	:NA	5)MORGADO EUGENIO
Filing Date	:NA	6)RAYMOND DALE WILKINS

(57) Abstract :

A security tag (10) including independent EAS (16) and RFID (18) components disposed in a housing (12) configured for geometric placement of the RFID and EAS components for optimum RFID performance. The EAS component (16) is situated in a first compartment (17) and the RFID component (18) is situated in a second compartment (19). The RFID component includes a hybrid antenna RFID inlay (24) and an IC chip (30). The tag housing (12) includes a key structure (38) that minimizes the detuning of both the EAS (16) and RFID components (18) by positioning the IC chip (30) such that the IC chip (30) is closer to a first side (25) of the second compartment (19) than the second side (21) of the second compartment (19) when the antenna inlay (24) is inserted within the housing (12). The housing (12) further includes one or more pins that position the RFID inlay (24) closer to the bottom interior surface to further insure optimal RFID read performance.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2030/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A SET TOP BOX DEVICE FOR RECEIVING AND RECORDING DIGITAL AUDIO-VIDEO CONTENT, AND A MEHTOD FOR ENCRYPTION OF THE AUDIO-VIDEO CONTENTS

(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

(57) Abstract :

The invention relates to a set top box device for receiving, encrypting and recording the digital audio/ video contents on a non volatile memory device connected with the set top box, wherein the set top box is provided with an USB interface, and wherein the device Is configured to implement encryption of digital content by: a. decrypting the digital audio/ video content received on the set top box; b. encrypting the decrypted digital audio/ video content by generating a first encryption key in a - volatile memory device by random number generation technique, wherein an n byte key is broken into several parts of fixed length; selecting a random number from 0 to 9 in each part and adding time stamping information related to the transmission of the digital content; c. generating a second key by encrypting the first key generated in the step (b), using one of a box unique id and the chip id; and d. erasing the first key from the non volatile memory and storing the second key in the non volatile memory means. {FIGURE -1}

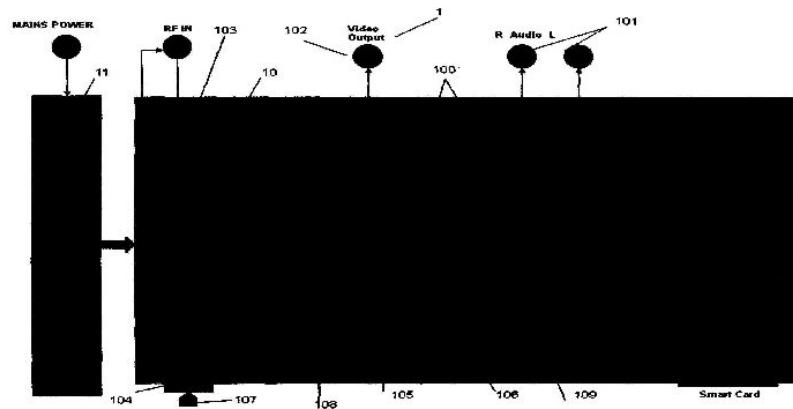


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2044/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPRESSOR FOR PRODUCING ENERGY EFFICIENT COMPRESSION EFFECT

(51) International classification	:F03G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANAND, ARUN
(32) Priority Date	:NA	Address of Applicant :L-13, SECOND FLOOR
(33) Name of priority country	:NA	SRINIWASPURI, NEW DELHI - 110065, INDIA
(86) International Application No	:NA	2)SHARMA, DHANANJAY
Filing Date	:NA	3)RAINA, AJAY
(87) International Publication No	:NA	4)JAIN, VIJAY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANAND, ARUN
(62) Divisional to Application Number	:NA	2)SHARMA, DHANANJAY
Filing Date	:NA	3)RAINA, AJAY
		4)JAIN, VIJAY

(57) Abstract :

Disclosed is a compressor (1000) capable of producing an energy efficient compression effect. The compressor (1000) includes a driving unit (100) having a driven shaft (10), a transmission unit (500) that includes a gear assembly (410) abuttingly coupled to the driven shaft (10), and an operating unit (700) having an operating shaft (610) operatively coupled to the gear assembly (410) and an operating section (620). The driving unit (100) is capable of being connected to an external power source for driving the driven shaft (10). The operating section (620) is capable of producing the energy efficient compression effect by compressing an operating medium. The transmission unit (500) controllably transfers a motion of the driven shaft (10) to the operating shaft (610), which further transfers the controlled motion of the driven shaft (10) to the operating section (620) of the operating unit for producing the energy efficient compression effect. FIGS. 1

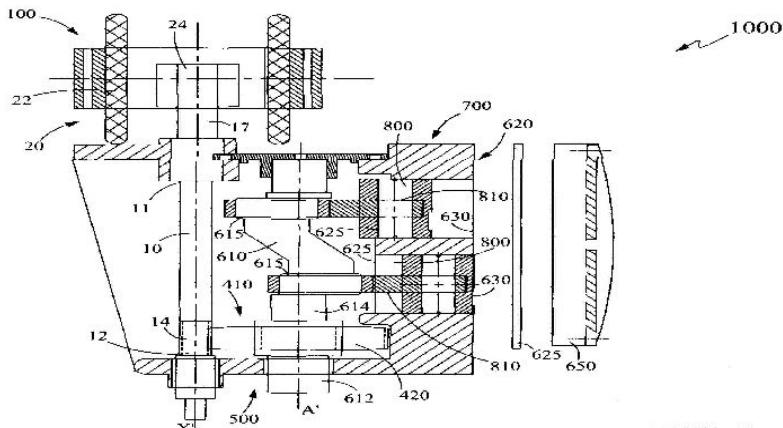


FIG. 1

No. of Pages : 46 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.173/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : OLED SUBSTRATE CONSISTING OF TRANSPARENT CONDUCTIVE OXIDE (TCO) AND ANTI-IRIDESCENT UNDERCOAT

(51) International classification	:H01L 51/52	(71) Name of Applicant :
(31) Priority Document No	:61/223,150	1)ARKEMA INC.
(32) Priority Date	:06/07/2009	Address of Applicant :900 FIRST AVENUE, KING OF PRUSSIA, PENNSYLVANIA 19406, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/040715	1)ROMAN Y. KOROTKOV
Filing Date	:01/07/2010	2)RYAN C. SMITH
(87) International Publication No	:WO 2010/005639	3)GARY S. SILVERMAN
(61) Patent of Addition to Application Number	:NA	4)JEFFERY L. STRICKER
Filing Date	:NA	5)STEPHEN W. CARSON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A light-emitting devices and methods for forming light-emitting devices are provided. The device comprises of a substrate having a first refractive index, a transparent electrode that is coupled to an organic layer, where the transparent electrode has a second refractive index different from the first refractive index. An undercoat layer is selected that has a third refractive index to substantially match the first refractive index to the second refractive index. The undercoat layer is selected such that it has a capacity to reduce root mean square roughness of the transparent electrode film deposited. The undercoat layer is selected to improve electrical properties of the transparent electrode layer. The undercoat layer is provided between the substrate and the transparent electrode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.191/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 25/01/2013

(54) Title of the invention : MOUNTING ELEMENT FOR ATTACHING AN ASSEMBLY

(51) International classification :F61F 1/377
(31) Priority Document No :102009029067.2
(32) Priority Date :01/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/060003
 Filing Date :13/07/2010
(87) International Publication No :WO 2010/026676
(61) Patent of Addition to Application :NA
 Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART, GERMANY
(72)Name of Inventor :
1)HEIN, BERND
2)MAHFLOUDH, SAMIR

(57) Abstract :

Described herein is a mounting element (1) for attaching an assembly, particularly a pump (10), to a mount (12). The mounting element (1) includes a bracket (11) and a damping element (13). The damping element (13) includes a first recess (131) for receiving the assembly. The damping element (13) further includes a contact surface (130) for contacting the bracket (11). The bracket (11) secures the damping element (13) in the mount (12). The damping element (13) further includes, adjacent to the first recess (131), a second recess (132) to support a radially symmetric deformation of the cross section of the first recess (131) when the bracket (11) is secured to the mount (12).

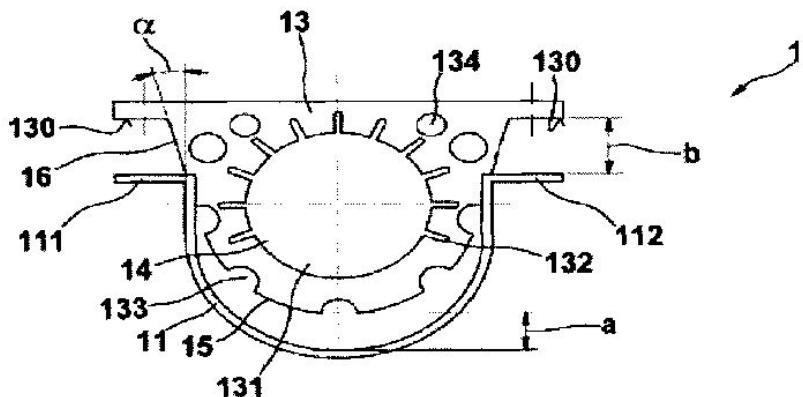


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2002/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AN ANTIDIABETES HEALTH FOOD PRODUCT FROM SOYBEAN (GLYCINE MAX)

(51) International classification	:A61K	(71) Name of Applicant : 1)DR. MANJU PATHAK Address of Applicant :B 81D, RAJAT VIHAR, SECTOR-62, NOIDA, U.P 201301, 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)DR. MANJU PATHAK
Filing Date	:NA	
(87) 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 an effective antidiabetes product obtained from the seed coats of germinated soybean (glycine max) seeds. the germination is carried and the novel insulin like protein of approximately 20 kda is obtained in the seed coats. this protein shows the immunoreactivity to human insulin antibody. this protein is found to be localized only in seed coat and not in embryo or cotyledon. hence seed coat is separated by rubbing the germinated soybean seeds and then it is dried and ground in powder in this invention. the powder is further used to get the desired product.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.205/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HETEROGENOUS ENZYMATIC CATALYST, PREPARATION METHOD, AND USE

(51) International classification	:C02N 11/14
(31) Priority Document No	:0954634
(32) Priority Date	:06/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051413
Filing Date	:05/07/2010
(87) International Publication No	:WO 2010/004111
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6)

Address of Applicant :4, PLACE JUSSIEU, 75005 PARIS
(FR) France

(72)**Name of Inventor :**

1)BRUN, NICOLAS

2)BABEAU-GARCIA, ANNICK

3)SANCHEZ, CLEMENT

4)BACKOV, RENAL

(57) Abstract :

The invention relates to a heterogenous enzymatic catalyst that takes the form of a cellular monolith consisting of a silica or organically modified silica matrix, said monolith including macropores, mesopores, and micropores, said pores being interconnected, and wherein the inner surface of the macropores is functionalized by a coupling agent selected from among silanes, said inner surface moreover having an unpurified enzyme attached thereon by means of a covalent or electrostatic bond. The invention also relates to the method for preparing said catalyst, said method comprising: a first step for preparing a solid silica impression that takes the form of a cellular monolith such as defined above; a second step for functionalizing the inner surface of the macropores via a coupling agent, selected from among silanes, by vacuum-soaking the cellular monolith by dissolving the coupling agent in an organic solvent; and a third step for vacuum-soaking the thus-functionalized monolith by means of an aqueous solution or aqueous dispersion of at least one unpurified enzyme. Finally, the invention relates to the use of such catalyst to carry out catalyzed chemical reactions.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2027/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A NOVEL HERBAL ANTI DANDRUFF FORMULATION AND PROCESS FOR THE PREPARATION OF THE SAME

(51) International classification	:A61K	(71) Name of Applicant : 1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY-UP, SECTOR-125, NOIDA-201303, Uttar Pradesh 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)DHAN PRAKASH 2)CHARU GUPTA 3)HARSHA KHARKWAL
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a novel herbal formulation which is effective in preventing and curing dandruff. The herbal formulation essentially comprises peel of citrus (Citrus sp.), roots of licorice (Glycyrrhiza glabra) triphala [equal mixture of fruits of amla (Emblica officinalis), bahera (Terminalia bellerica) and harad (T. chebula)], neem leaves (Azadirachta indica), green tea leaves (Camellia sinensis), eucalyptus leaves (Eucalyptus sp.), henna leaves (Lawsonia inermis) and clove oil (Syzygium aromaticum). The herbal formulation has fungicidal action towards dandruff causing fungus. The herbal formulation may be in different forms for application such as aqueous extract or can be formulated in a shampoo for end use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2028/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR CRYSTALLIZATION

(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 :

1)RAJAN SKHARIYA

Address of Applicant :610, SOM DUTT CHAMBERS-II
BHIKAJI CAMA PLACE NEW DELHI-110066 India

(72)Name of Inventor :

1)RAJAN SKHARIYA

(57) Abstract :

A continuous flow method of crystallizing saturated fat from oil is disclosed. The method comprises of fast cooling the oil to a temperature above melting point of the oil at which nuclei formation of the saturated fat is initiated. The method further comprises of slow cooling the oil to a temperature below the melting point of the oil to facilitate crystal formation and natural hardening followed by fast cooling the oil to a temperature that facilitates crystal maturation of the saturated fat. A system and a crystallizer for crystallizing saturated fat from oil are also disclosed. FIGURE 1

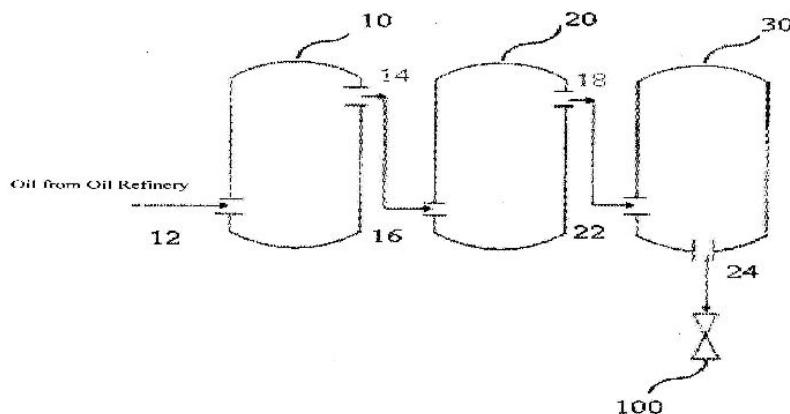


FIGURE 1

No. of Pages : 25 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2029/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VERTICAL BASE CLUTCH SWITCH□

(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 :

1)MINDA INDUSTRIES LIMITED

Address of Applicant :Village Nawada Fatehpur P.O.
Sikanderpur Badda Manesar Distt. Gurgaon 122004 Haryana
India

(72)Name of Inventor :

1)Virendra Khairnar

2)Nitish Kumar Jha

(57) Abstract :

There is disclosed a clutch switch of vertical base design, bracket (1) comprises of carrier sub assy. (2, 3 & 7) base sub assembly (4 and 5) and cover (6). Carrier sub assembly (2) has Moving contact (7) and spring (3). This reciprocates as per the Clutch-Lever movement. Due to this movement, moving contact shifted over Fixed contacts, and as a result momentary continuity is formed between fixed contacts (Rivet type) (4). This way circuit is made closed and open which is the purpose of this clutch switch.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2040/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : 'PROCESS FOR PREPARATION OF LISDEXAMPHETAMINE AND SALTS THEREOF'

(51) International classification	:C07D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IND SWIFT LABORATORIES LIMITED

Address of Applicant :S.C.O. No. 850 Shivalik Enclave NAC
Majimajra Chandigarh INDIA

(72)Name of Inventor :

1)BHIRUD SHEKHAR BHASKAR

2)SARIN GURDEEP SINGH

3)KUMAR RAJIV

(57) Abstract :

The present invention provides an improved, efficient, safe and convenient process for preparation of lisdexamphetamine and its pharmaceutically acceptable salts by using novel mixed anhydride intermediate. The present invention also provides a process for preparation of diamino protected amide compound namely BOC protected lisdexamphetamine, a key intermediate in the preparation of lisdexamphetamine and its pharmaceutically acceptable salts by using novel mixed anhydride intermediate and its purification by crystallization. Further present invention provides novel mixed anhydride intermediate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2011

(21) Application No.2068/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMPROVED PROCESS FOR PYGEUM EXTRACTION

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Goel Pawan Kumar
(32) Priority Date	:NA	Address of Applicant :PROPRIETOR CHEMICAL
(33) Name of priority country	:NA	RESOURCES SCO 76 First Floor Swastik Vihar M.D.C.
(86) International Application No	:NA	Panchkula-134109 (Haryana) India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)Tewari Kiran
(61) Patent of Addition to Application Number	:NA	2)Sharma Ashok
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method of the present invention is based upon use of a ~renewable™ source for extraction of pygeum i.e. pruned stem cuttings/twigs obtained during the ~pruning process™ of the plant. Since, the plant part used in the herb under present invention is ~pruned stem cuttings™ instead of bark, it doesn't destroy the whole plant & therefore, the same plant can be used repeatedly. Further, the source of pygeum is a ~waste plant product™ i.e. Pruned stem cuttings obtained during regular pruning of the plant Prunus domestica.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2023/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A GREEN PROCEDURE FOR SYNTHESIS OF FUNCTIONALIZED COMPOUNDS□

(51) International classification	:C07C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)National Institute of Pharmaceutical Education and Research (NIPER)

Address of Applicant :Sector-67 S.A.S. Nagar Mohali Punjab-160062 India

(72)Name of Inventor :

1)ASIT KUMAR CHAKRABORTI

2)DINESH KUMAR

3)KAPILESWAR SETH

4)DAMODAR NAIDU KOMMI

(57) Abstract :

The present invention is directed to a green process for the synthesis of functionalized compound of formula A Formula A by the reaction of 1,2-diketone with 1,2-diamine in the presence of miceller solution of surfactant at mild reaction conditions in aqueous media.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.2048/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FOOD PRODUCTS FOR COOKING IN MICRO-WAVE OVENS, WITH SOLIDIFIED VEGETABLE OIL, AND PROCEDURE FOR THEIR PREPARATION

(51) International classification	:A23C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)BORGES, S.A.U

Address of Applicant :C/ NOTARIO RULL, 41 43205 REUS
(TARRAGONA) SPAIN

(72)Name of Inventor :

1)JUAN RAMON, DUAN VILA

(57) Abstract :

Food preparations for cooking in micro-wave ovens, with solidified vegetable oil, and procedure for their elaboration. Food preparations are described containing vegetable oil solidified at room temperature, packed specially for cooking in micro-wave ovens, and a procedure for their elaboration. The composition of the food preparations comprises mainly popcorn, vegetable oil, oil solidifying agent and possibly other optional ingredients, such as sugar, salt, aromatics, flavourings, colours and preserving agents. The elaboration procedure is based on the batching of corn in a special wrapper for micro-wave cooking, and then the batching of the other ingredients, previously mixed consistently and according to the individual formulations of each food preparation, under thermal control at a temperature of 50-70°C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.206/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A CAGE IN AN MRD WITH A FASTENING/ATTENUATING SYSTEM

(51) International classification	:G01V 3/00
(31) Priority Document No	:61/221,571
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000519
Filing Date	:29/06/2010
(87) International Publication No	:WO 2010/001429
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:157/DELNP/2012
Filed on	:05/01/2012

(71)Name of Applicant :

1)ASPECT MAGNET TECHNOLOGIES LTD.

Address of Applicant :17 MOSHAV BEN SHEMEN, 73115
MOSHAV BEN SHEMEN (IL) Israel

(72)Name of Inventor :

1)RAPOPORT, URI

(57) Abstract :

A cage with a fastening system (1) in a magnetic resonance device (MRD) is disclosed, said cage in an MRD comprising (a) M pole pieces (45) ($M \geq 2$); (b) N side magnets (20) ($N \geq 2$), said side magnets substantially enclosing said pole pieces and thereby defining a magnetic envelope and enclosed volume therein; (c) N side walls (10), said side walls substantially enclosing said side magnets; (d) P face walls (30) ($P \geq 2$); and (e) a plurality of fastening rods (100); wherein each of said fastening rods physically interconnects at least one pair of side walls, passing through at least one of said side magnets and at least one of said pole pieces.

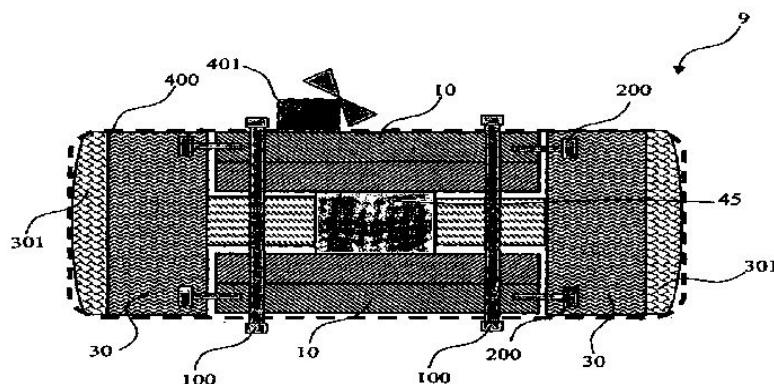


Fig. 9

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2011

(21) Application No.2076/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HAND PRESSURE DRIVEN PORTABLE ULTRAFILTRATION UNIT

		<p>(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, 2, RAFI MARG, NEW DELHI-110001 India</p>
(51) International classification	:H01R	
(31) Priority Document No	:NA	<p>(72)Name of Inventor :</p>
(32) Priority Date	:NA	1)PUSHPITO KUMAR GHOSH
(33) Name of priority country	:NA	2)ALAMURU VENKTARAMI REDDY
(86) International Application No Filing Date	:NA	3)SOHANLAL DAGA
(87) International Publication No	:NA	4)ARAVIND AMULAKHRAI PATEL
(61) Patent of Addition to Application Number Filing Date	:NA	5)PARAMITA RAY
(62) Divisional to Application Number Filing Date	:NA	6)PUYAM SOBHINDRO SINGH
		7)JITENDRA JAYDEVPRASAD TRIVEDI
		8)PANKAJ ARAVINDBHAI PATEL
		9)KALLEM PARASHURAM
		10)AYYANASOMAY AJULA PRAKASH RAO
		11)CHHAGANLAL VITHALDAS DEVMURARI
		12)KALPANA HARESH MODY
		13)RASHIKLAL BAVCHAND MANDAVIA

(57) Abstract :

Hand pressure driven portable ultrafiltration unit is a simple, compact and an inexpensive device that requires no electricity, effectively removes micro-organisms (bacteria, worms, spores, parasites) turbidity, colloids, etc., from drinking water without the addition of chemicals, containing anti-fouling hollow fiber ultrafiltration membranes having 0.01 to 0.06 micron pore size and are capable of removing microorganisms and turbid particles by physical removal process while allowing water to pass through, and is capable of producing pure drinking water in the range of 75-100 ml/min at very low pressure in the range of 10 pounds per square inch generated manually by compressing/squeezing and releasing of the attached rubber inflation bulb with air release valve and end valve, and has immense potential for use in remote rural areas where electricity is no longer available and safe drinking water is not easily accessible, disaster-prone areas where safe drinking water is often non-existent even though untreated or contaminated water is readily available, and also ideal for places and areas which are not connected to central water supplies. Further, the unit can be carried out during travel for use as personal safe drinking water production unit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.208/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BREATHABLE INSECT PROTECTION FABRIC

(51) International classification	:B32B 5/26
(31) Priority Document No	:PV2009A000010
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/001647
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/143073
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RAMAIOLI, FRANCESCO

Address of Applicant :VIA VIGNAZZA 11/D, I - 27100
PAVIA, ITALY

(72)Name of Inventor :

1)RAMAIOLI, FRANCESCO

(57) Abstract :

Breathable mosquito-resistant fabric comprising an internal layer, outer fabric layer and an intermediate layer, which allows a soft and elastic compression such as springs or an open cell foam. This fabric is suitable for the production of garments and other wearable articles, such as shoes.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.209/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR CONVEYING TRAFFIC IN A PROXY MOBILE IP SYSTEM

(51) International classification	:H04W 76/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/059611
Filing Date	:24/06/2009
(87) International Publication No	:WO 2010/009493
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA SIEMENS NETWORKS OY

Address of Applicant :KARAPORTTI 3, FI - 02610 ESPOO, FINLAND

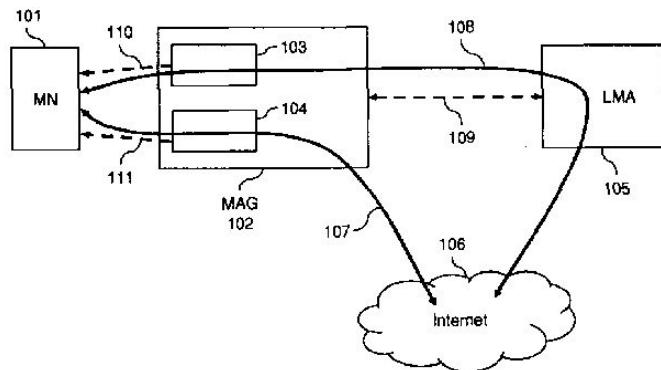
(72)Name of Inventor :

1)KORHONEN, JOUNI

(57) Abstract :

A method and a device for conveying traffic by a network element comprising a first router instance and a second router instance are provided, wherein the traffic is conveyed between the first router instance and a network via a mobility anchor; and wherein the traffic is directly conveyed between the second router instance and the network. Furthermore, a communication system is suggested comprising said device. Fig.1

Fig.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.210/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ATMOSPHERIC WATER GENERATOR

(51) International classification	:F25B 39/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CA2009/000780
Filing Date	:08/06/2009
(87) International Publication No	:WO 2010/142012
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)HUMANO WATER CORPORATION

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BRITISH COLUMBIA V2A 4M1 CANADA

(72)**Name of Inventor :**

1)SEOANE, DIEGO, CASTANON

(57) Abstract :

An atmospheric water generator includes a refrigeration system. The evaporators may be roll-bond evaporators. Fans cooperate with a radiator and the evaporators to induce an in-flow stream of air from ambient air into and through, firstly, the condenser, and secondly, the radiator. The in-flow stream of air is cooled by the evaporator as the in-flow stream passes through the evaporator, the cooled stream of air then passes through a heated dissipating section of the radiator. The airways between the evaporators in the array are sufficiently long so that the streams of air become turbulently mixed. The evaporators may be planar. Opposed facing surfaces of adjacent evaporators may include turbulent flow trippers to change laminar flow in the airways to turbulent flow. The turbulent flow trippers may include protrusions formed on the opposed facing surfaces or metallic mesh interleaved in the airways between the evaporators.

No. of Pages : 50 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.75/DEL/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HEAT EXCHANGE TUBE AND METHOD OF USING THE SAME

(51) International classification

:B23B

(31) Priority Document No

:61/432,282

(32) Priority Date

:13/01/2011

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Abstract :

A heat exchanger tube includes protrusions extending into the internal volume to turbulate a fluid flow for improved heat transfer. The protrusions are arranged to provide dimpled and un-dimpled regions in order to provide increased heat transfer together with decreased pressure drop. A method of transferring heat by flowing a fluid into a tube, turbulating the fluid in a dimpled first tube section, developing a thermal boundary layer in an un-dimpled second section, and turbulating the fluid in a dimpled second tube section is also presented.

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

(71)Name of Applicant :

1)MODINE MANUFACTURING COMPANY

Address of Applicant :1500 DEKOVEN AVENUE RACINE,
WI 53403-2552 U.S.A.

(72)Name of Inventor :

1)VISWANATHAN, AROON K.

2)HUNZINGER, THOMAS A.

3)CHEEMA, RIFAQUAT A.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.76/DEL/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ROCK BREAKING

(51) International classification

:B23B

(31) Priority Document No

:1100424.9

(32) Priority Date

:11/01/2011

(33) Name of priority country

:U.K.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GREEN BREAK TECHNOLOGY LIMITED

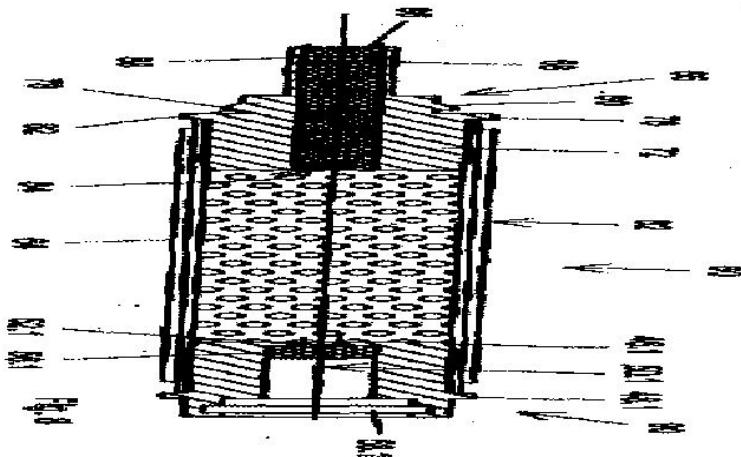
Address of Applicant :PO BOX 264, UNION HOUSE UNION STREET, ST. HELIER JERSEY JE487Q U.K.

(72)Name of Inventor :

1)ANDRE VAN DYK

(57) Abstract :

An auxiliary cartridge (60) for use in rock breaking is disclosed which comprises an elongate body (62), an end closure (66, 90) at each end of the body (62) and a charge of combustible material in the space defined by the body (62) and the end closures (66, 90). The end closure (66) includes a frangible membrane (86) which closes off a charge (88) of combustible chemicals. On being subjected to the pressure of an external ignition of fast burning combustible material, the membrane (86) fails and permits flame to flash through it from externally of the auxiliary cartridge to internally thereof thereby to ignite said charge.



No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2046/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NOVEL POLYMORPHIC FORM I OF RIFAXIMIN

(51) International classification	:C08B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IND SWIFT LABORATORIES LIMITED

Address of Applicant :S.C.O. No. 850 Shivalik Enclave NAC
Majimajra Chandigarh INDIA

(72)Name of Inventor :

1)MISHRA SUSHANTA

2)JOHAR PERMINDE SINGH

3)MISHRA SUSHANTA

(57) Abstract :

The present invention relates to a novel polymorphic form I of rifaximin and process for preparation thereof. The novel polymorphic form I is characterized by powder x-ray diffraction pattern at 20, 5.2, 7.2, 8.4 and 8.7 degrees ± 0.2 and water content within the range of 2.0 to 4.5%. The invention further provides process for preparation of novel polymorphic form I by treating rifaximin with a mixture of ethyl alcohol and water.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2011

(21) Application No.2085/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AN NON-CONTACT TYPE LEVEL INDICATOR.

(51) International classification	:B62K	(71) Name of Applicant : 1)ASHUTOSH KUMAR Address of Applicant :JOHNSON AUTOMATION & CONTROL, J-3/314, DDA FLATS, KALKAJI, NEW DELHI-110019 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor : 1)ASHUTOSH KUMAR
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an non-contact type level indicator comprising of a level sensor suspended from a motor drive. The indicator can be interfaced with SCADA/PC/Laptop. Further, there is provision of power back-up with the indicator. It can be used for any application medium such as solid, semi-solid, liquid, powder, sewage, slurries, fuel, etc. Said indicator of the instant invention is having high accuracy, precision and resolution. It is compact and insensitive to dust, electrical charge, adhesion, temperature and pressure unlike prior art.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2011

(21) Application No.2086/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A PERFORMANCE ENHANCER HERBAL FORMULATION HAVING ANTIOXIDANT AND IMMUNE-STIMULANT PROPERTIES AND PROCESS OF PREPARATION OF SUCH FORMULATION

(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

(71)Name of Applicant :

1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA,ROOM NO 348, B-WING. DRDO BHAWAN, RAJAJI MARG, B-WING, NEW DELHI-110011 India

(72)Name of Inventor :

1)HEMANT KUMAR PANDEY

2)HARSAHAY MEENA

3)MAHESH CHANDRA ARYA

4)ZAKWAN AHMED

(57) Abstract :

This invention relates to a process for preparation of a performance enhancer herbal formulation having antioxidant and immuno-stimulant properties comprising steps of: extraction of juice from Aloe vera leaves followed by boiling, drying plant material of medicinal plants, namely Bacopa monnieri, centella asiatica and ocimum basilicum, extraction of said plant material of medicinal plants with water, mixing of said herbal extracts with boiled Aloe vera juice to obtain a solution, and preparation of performance enhancer herbal formulation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.211/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : THERAPEUTIC AGENT AND ASSAY

(51) International classification

:A01J

(31) Priority Document No

:0909944.1

(32) Priority Date

:10/06/2009

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/GB2010/050976

Filing Date

:10/06/2010

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

1)UNIVERSITY OF SHEFFIELD

Address of Applicant :Western Bank Sheffield S10 2TN
United Kingdom

(72)Name of Inventor :

1)SMYTHE Carl

2)BENISTON Richard

(57) Abstract :

The present invention relates to an agent that is useful in the treatment of a cell proliferative disease or disorder and an assay for identifying such an agent.

No. of Pages : 89 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.69/DEL/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MOUNTING SYSTEM FOR INSULATED INSTALLATIONS

(51) International classification

:B65H

(31) Priority Document No

:11 151 209

(32) Priority Date

:18/01/2011

(33) Name of priority country

:EPO

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ARMACELL ENTERPRISE GMBH

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MUNSTER, FEDERAL REPUBLIC OF GERMANY

(72)Name of Inventor :

1)THOMAS STEINHORST

2)HARALD KUISLE

3)STEPHAN MOELLER

4)JUERGEN WEIDINGER

(57) Abstract :

The present invention relates to a system for fixing installations with thermal and/or sound insulation exhibiting easy mounting and fastening, being suitable both as system providing pre-insulation as well as for being used on readily insulated installations, the manufacturing of such system and the use of such system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9387/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR STEREOSPECIFICALLY RECYCLING A PLA POLYMER MIXTURE

(51) International classification	:C08F 6/28
(31) Priority Document No	:2009/0554
(32) Priority Date	:10/09/2009
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/EP2010/060426
Filing Date	:19/07/2010
(87) International Publication No	:WO 2011/029648
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GALACTIC S.A.

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(72)Name of Inventor :

1)COSZACH, PHILIPPE

2)WILLOCQ JONATHAN

(57) Abstract :

The present invention relates to a method for the stereospecific chemical recycling of a mixture of polymers based on polylactic acid PLA, in order to reform the monomer thereof or one of the derivatives thereof. The latter may enter the traditional lactate market or once again serve as a raw material for synthesising PLA.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2011

(21) Application No.9388/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : STABILIZED IMMUNOGLOBULIN

(51) International classification	:C07K 16/00
(31) Priority Document No	:09165029.1
(32) Priority Date	:09/07/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/059408
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/003811
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)F-STAR BIOTECHNOLOGISCHE FORSCHUNGS-UND ENTWICKLUNGSGES. M.B.H.

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(72)Name of Inventor :

1)RUEKER, FLORIAN

2)WOZNIAK-KNOPP, GORDANA

3)HIMMLER, GOTTFRIED

(57) Abstract :

The invention refers to a multidomain modular antibody comprising at least one constant antibody domain, which is mutated to form an artificial disulfide bridge by introducing at least one Cys residue into the amino acid sequence through mutagenesis of said constant domain to obtain an intra-domain or inter-domain disulfide bridge within the framework region, libraries based on such antibodies and methods of producing.

No. of Pages : 72 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.2052/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVELOPMENT OF SUBSTITUTED ALKENE AS A POTENTIAL NEMATICIDE

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(ICAR)**

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RAJENDRA PRASAD ROAD, NEW DELHI - 110001 India

(72)Name of Inventor :

**1)DR. GOPAL MADHUBAN
2)DR. MUKHERJEE IRANI
3)DR. NIWAS RAM
4)DR. PRASAD DWARIKA**

(57) Abstract :

The present invention relates to the development of a new nematicide, its method of preparation and use as nematicide. Where in R1, R2, R3 and R4 is hydrogen, alkyl, aryl, halogen, metal, substituted phenyl, heteroaryl, or aralkyl.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2011

(21) Application No.2077/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR LOWERING AND RAISING ELECTRICAL APPLIANCE

(51) International classification	:H01R
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAY YES-LIU CO., LTD.

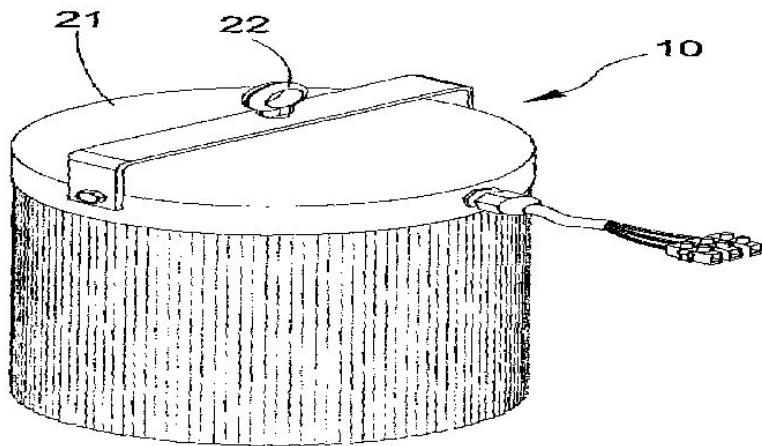
Address of Applicant :10F., NO. 2, BAOSHENG RD., YONGHE DIST., NEW TAIPEI CITY 234, R.O.C. Taiwan

(72)Name of Inventor :

1)TZU-MING LIU

(57) Abstract :

A device is provided for lowering and raising an electrical appliance so as to facilitate a person to conduct a maintenance for the electrical appliance. The device generally comprises a control means, a branching means, a driving means, a transporting means, an electrical conducting means, and a frame. The control means is employed to control the branching means. The branching means is employed to branch electrical current to the driving means and the electrical conducting means. The driving means is employed to drive the transporting means to rotate to extend or retract a connection medium connected therewith so that an electrical application connected with the device can be lowered to the ground to allow a person to conduct a maintenance for the electrical appliance without having to climb up the installation position of the electrical appliance.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.212/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CUTTING A BRITTLE-MATERIAL SUBSTRATE AND WINDOW GLASS FOR VEHICLE

(51) International classification	:B60D	(71) Name of Applicant :
(31) Priority Document No	:2009-159016	1)Asahi Glass Company Limited
(32) Priority Date	:03/07/2009	Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku
(33) Name of priority country	:Japan	TOKYO 100-8405 JAPAN
(86) International Application No	:PCT/JP2010/061351	(72) Name of Inventor :
Filing Date	:02/07/2010	1)Yasuji Fukasawa
(87) International Publication No	: NA	2)Akinori Matsumoto
(61) Patent of Addition to Application Number	:NA	3)Isao Saito
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for cutting a brittle-material substrate which can cut a brittle-material substrate without requiring a complicated apparatus and which can improve the quality of a cut section and a window glass for a vehicle obtained by the cutting method are provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/01/2012

(21) Application No.225/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AMBIENT CORRECTION IN ROLLING IMAGE CAPTURE SYSTEM

(51) International classification	:G06F 3/042
(31) Priority Document No	:61/226,443
(32) Priority Date	:17/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042197
Filing Date	:15/07/2010
(87) International Publication No	:WO 2011/009005
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

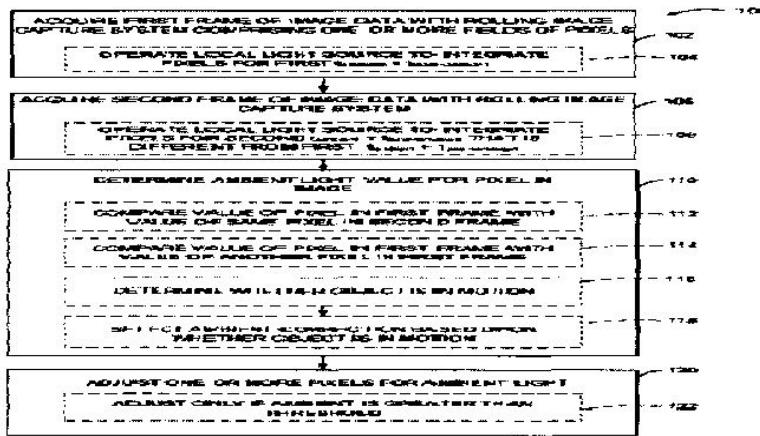
Address of Applicant :ONE MICROSOFT WAY,
REDMOND, WASHINGTON 98052-6399, U.S.A.

(72)Name of Inventor :

1)KEAM, NIGEL

(57) Abstract :

Embodiments are disclosed that relate to the correction of an image acquired in a rolling image capture system for ambient light. One embodiment provides a device comprising a screen, a rolling image capture system, a local light source, and a controller. The controller is configured to operate the local light source while acquiring first and second frames of image data to integrate each field of image sensor pixels for a duration of local + ambient light and for a duration of ambient light such that a sum tlocal+ambient + tambient for the first frame is different than a sum tlocal+ambient + tambient for the second frame for each field of pixels. The controller is further configured to determine an ambient light value, and to adjust one or more pixels based upon the ambient light value.



No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9399/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : UNITARY QUICK-CONNECT PROSTHETIC HEART VALVE AND DEPLOYMENT SYSTEM AND METHODS

(51) International classification

:A61F 2/24

(31) Priority Document No

:61/220,968

(32) Priority Date

:26/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/039746

Filing Date

:24/06/2010

(87) International Publication No

:WO 2010/151617

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EDWARDS LIFESCIENCES CORPORATION

Address of Applicant :ONE EDWARDS WAY, IRVINE,
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(72)Name of Inventor :

1)RAFAEL PINTOR

2)MARK CHAU

3)TRAVIS OBA

4)AUGUST YAMBAO

5)LOUIS A. CAMPBELL

6)TAMMY HUNTLEY

7)QINGGANG ZENG

8)CAREY CRISTEA

9)FAISAL KALAM

(57) Abstract :

A quick-connect heart valve prosthesis that can be quickly and easily implanted during a surgical procedure is provided. The heart valve includes a substantially non-expandable, non-compressible prosthetic valve and a plastically-expandable coupling stent, thereby enabling attachment to the annulus without sutures. A small number of guide sutures may be provided for aortic valve orientation. The prosthetic valve may be a commercially available valve with a sewing ring with the coupling stent attached thereto. The coupling stent may expand from a conical deployment shape to a conical expanded shape, and may include web-like struts connected between axially-extending posts. A system and method for deployment includes a hollow two-piece handle through which a balloon catheter passes. A valve holder is stored with the heart valve and the handle easily attaches thereto to improve valve preparation steps.

No. of Pages : 82 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2011

(21) Application No.2087/DEL/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MILK-BASED COMPOSITIONS AND PROCESS OF MAKING THE SAME

(51) International classification	:B62K	(71) Name of Applicant : 1)COMPANIE GERVAIS DANONE Address of Applicant :17 BOULEVARD HAUSSMANN, PARIS 75009 FRANCE
(31) Priority Document No	:NA	2)DANONE FOODS & BEVERAGES (INDIA) PVT. LTD.
(32) Priority Date	:NA	3)DANONE GMBH
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)HORA, RAJNEESH
Filing Date	:NA	2)PAGES, PHILIPPE
(87) International Publication No	:NA	3)SACHER, KAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Milk based compositions especially fermented and non-fermented milk products such as yogurt, beverages, and desserts, comprising a significant percentage of real milk are disclosed herein. The disclosed milk compositions particularly comprise wheat and rice flour and are substantially free of gelling agent(s) and modifies starch. A process for making such milk based compositions is also disclosed in the present invention. The milk based compositions disclosed herein may contain other ingredients.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9407/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PRESSURE REDUCING GAS STORAGE DEVICE, AIR-JET SYSTEM, AND MOTOR VEHICLE

(51) International classification	:F17C 5/06
(31) Priority Document No	:200910107196.3
(32) Priority Date	:01/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072399
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/124658
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CONG, YANG

Address of Applicant :FLAT 30C, BLOCK B, QING TIAN HUA TING, SHANG BAO LU, FUTIAN DISTRICT, SHENZHEN, GUANGDONG 518034, CHINA

(72)Name of Inventor :

1)CONG, YANG

(57) Abstract :

A pressure reducing gas storage device, an air-jet system and a motor vehicle are disclosed herein, wherein the pressure reducing gas storage device comprises a gas storage tank including an inlet for receiving compressed air and an outlet for outputting air and a heat exchanger for heating the air in the air input into the gas storage tank. By providing a heat exchanger to heat the air input in the gas storage tank, the phenomenon of being frozen is eliminated and the pressure reducing gas storage device is able to work continuously and stably.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9408/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MOTOR VEHICLE

(51) International classification	:B60K 3/00
(31) Priority Document No	:200910107200.6
(32) Priority Date	:01/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072407
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/124660
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CONG, YANG

Address of Applicant :FLAT 30C, BLOCK B, QING TIAN HUA TING, SHANG BAO LU, FUTIAN DISTRICT, SHENZHEN, GUANGDONG 518034, CHINA

(72)Name of Inventor :

1)CONG, YANG

(57) Abstract :

A motor vehicle comprises a compressed gas engine, wind resistance engines, reversing devices, a drive train and wheels. Said compressed gas engine has a primary power output shaft driven by compressed gas to output main power, and each of said wind resistance engines has an impeller shaft driven by front resistance fluid to output auxiliary power when the motor vehicle is in motion. The main power outputted by said primary power output shaft directly drives the drive train, the auxiliary power outputted by said impeller shaft drives the same after being reversed by the reversing devices, and the output of the drive train drives the wheels. Directly driving the drive train of the motor vehicle, the main power output of the compressed gas engine does not need to pass a first reversing device and a second reversing device, thus effectively shortening the transmission path of the main power outputted by the compressed gas engine, reducing energy loss during power transmission process, and improving the transmission efficiency of the main power.

No. of Pages : 72 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9410/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MEDICAMENT FOR PROPHYLAXIS OR TREATMENT OF GASTROINTESTINAL AND IMMUNO-RELATED DISEASES

(51) International classification	:A01N 63/00
(31) Priority Document No	:60/740,518
(32) Priority Date	:29/11/2005
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2006/045755 :29/11/2006
(87) International Publication No	:WO 2007/064741
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:4688/DELNP/2008 :30/05/2008

(71)Name of Applicant :

1)KEMIN INDUSTRIES, INC.

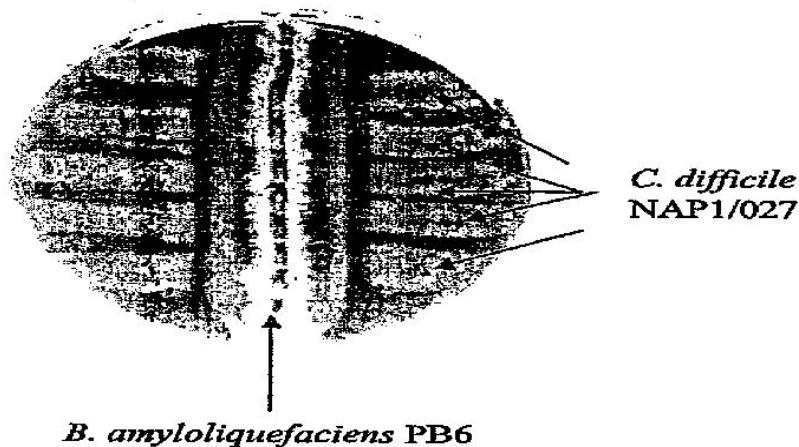
Address of Applicant :2100 MAURY STREET DES
MOINES, IA 50317 U.S.A.

(72)Name of Inventor :

- 1)SAS, BENEDIKT
- 2)VAN HEMEL, JOHAN
- 3)VANDENKERCKHOVE, JAN
- 4)PEYS, ERIC
- 5)TAN, HAI MENG
- 6)SE, CHEA-YUN
- 7)RAMCHAND, CHANIYILPARAMPU
- 8)VARGHESE, JERRY

(57) Abstract :

Bacteria of the sp. Bacillus that produce a lipopeptide are found to be effective in the treatment and prophylaxis of gastro-intestinal disease when administered as a probiotic. In particular, a strain of Bacillus bacteria identified as PB6 is useful for the treatment of Antibiotic Associated Diarrhea (AAD) or the more serious condition Clostridium difficile associated diarrhea (CDAD) when administered as a probiotic. Additionally, these bacteria have been found efficient for the treatment of immunorelated diseases such as Inflammatory Bowel Disease (IBD).



No. of Pages : 56 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9411/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COOKING DEVICE

(51) International classification	:F24C 15/20
(31) Priority Document No	:61/175,703
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033692
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/129651
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPINFRY, INC.

Address of Applicant :215 AMBRIDGEFELD ROAD
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CANADA

(72)Name of Inventor :

1)FOSTER, PAUL LINCOLN
2)MILLIKIN, RORY C.P.
3)THORNOCK, DEL MOFFAT

(57) Abstract :

A cooking device comprises a rotatable food basket disposed within the cooking device. The cooking device may comprise various basket configurations that facilitate cooking various types of foods. Additionally the cooking device may comprise a damping mechanism configured to reduce a vibration generated by the rotatable food basket rotating within the cooking device. Further the cooking device may comprise a retrofit apparatus for retrofitting an existing fryer. The cooking device may include a tube heating element to facilitate heating the cooking liquid and/or the cooked food. A hood gear may be utilized to couple the basket to a motor to facilitate spinning the liquid from the food. Also, the cooking device may include a drawer that facilitates loading and unloading the food into and out of the cooking device. A controller may be utilized to control various aspects of the cooking device and cooking process.

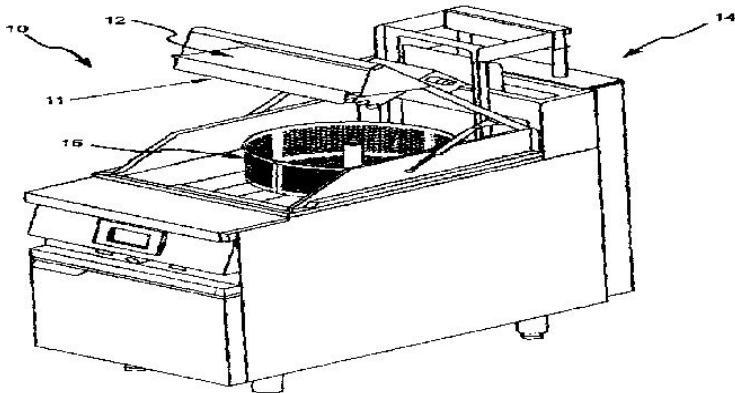


FIG. 38

No. of Pages : 238 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9412/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR REALIZING TRANSMISSION OF MESSAGE BETWEEN AN EXTENDED PROCESSOR AND A SWITCH CHIP

(51) International classification	:H04L 12/56
(31) Priority Document No	:200910107678.9
(32) Priority Date	:05/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072207
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/139216
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R.CHINA

(72)Name of Inventor :

1)PAN, TINGSHAN

(57) Abstract :

The invention discloses a method and system for realizing transmission of message between an extended processor and a switch chip. The switch chip amends the destination MAC of the received first message to be transmitted to the extended processor as the first destination MAC, and then transmit the first message to the extended processor, wherein the first destination MAC corresponds to the service physical port of the switch chip for receiving the first message; the extended processor can resolve the first destination MAC to learn that the first message comes from the service physical port. The method and system of the invention can realize transmission of message between the extended processor and the switch chip.

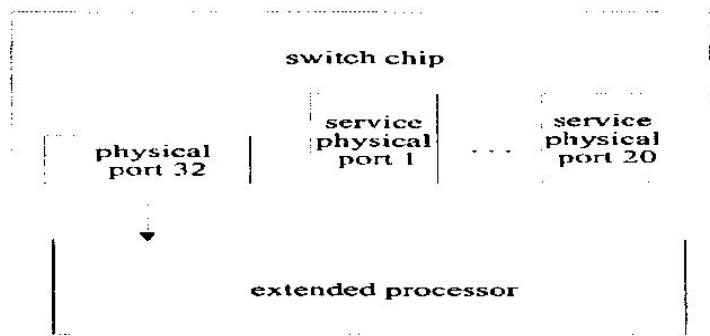


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9413/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : UTILIZING SERVER PRE-PROCESSING TO DEPLOY RENDITIONS OF ELECTRONIC DOCUMENTS IN A COMPUTER NETWORK

(51) International classification	:G06F 15/16
(31) Priority Document No	:12/477,460
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/036961 :01/06/2010
(87) International Publication No	:WO 2010/141510
(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)MICROSOFT CORPORATION

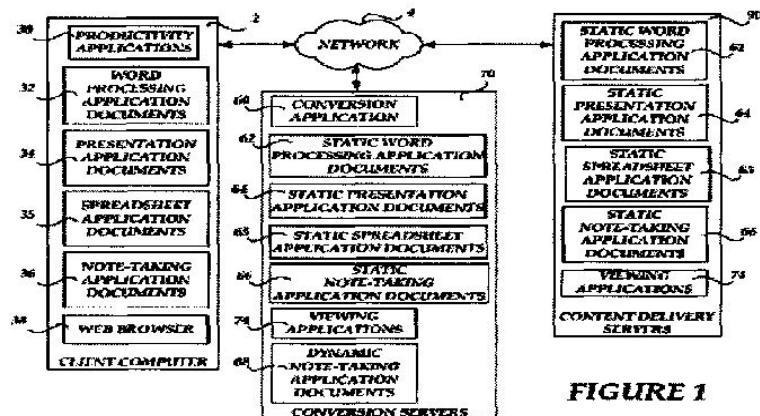
Address of Applicant :ONE MICROSOFT WAY,
REDMOND, WASHINGTON 98052-6399, U.S.A.

(72)**Name of Inventor :**

- 1)HOWELL, GARETH, A.**
- 2)BROWN, CHRISTOPHER, J.**
- 3)KAPOOR, SUGANDHA, S.**
- 4)LANGE, DONOVAN, P.**
- 5)ZHU, ZHENJUN**

(57) Abstract :

Embodiments are provided for utilizing server pre-processing to deploy static renditions of electronic documents in a computer network. An electronic document may be published from a client computer to a first server computer in the computer network. During publication, the first server computer may create a static rendition of the electronic document and a viewing application for viewing the static rendition of the electronic document on the client computer. The first server computer may store the static rendition of the electronic document and the viewing application on a second server computer for delivery to the client computer. Other embodiments may also include receiving, at the first server computer, a request to make revisions to the electronic document and sending a dynamic version of the electronic document from the first server computer to the client for making the revisions to the electronic document.



No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9415/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DYNAMICALLY CONFIGURING ATTRIBUTES OF A PARENT CIRCUIT ON A NETWORK ELEMENT

(51) International classification	:H04L 29/06
(31) Priority Document No	:61/182,713
(32) Priority Date	:30/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2010/052399 :28/05/2010
(87) International Publication No	:WO 2010/140100
(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)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

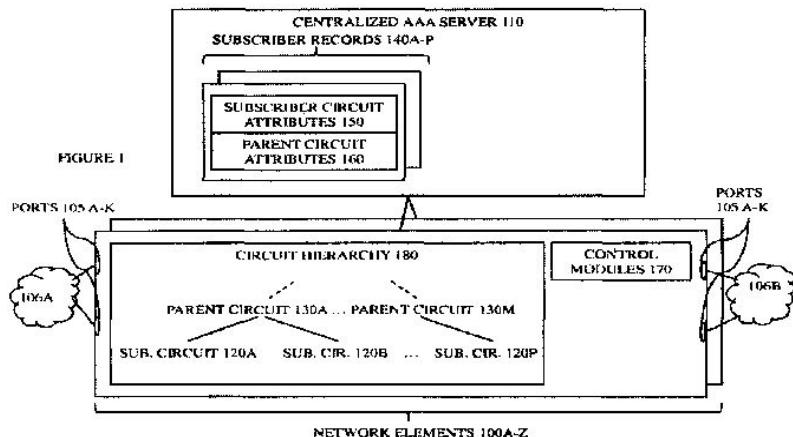
Address of Applicant :SE-164 83 STOCKHOLM (SE)
Sweden

(72)**Name of Inventor :**

- 1)LYNCH, TIMOTHY, J.
- 2)MARTIN, LARS, A.
- 3)CHINNASWAMY, SUDHAGAR
- 4)WANG, SUNNY, Y.
- 5)CHAVALI, SRIKANTH
- 6)SHAH, SAMVID, S.
- 7)CHUNDURU, SUDHAKAR

(57) Abstract :

Methods and apparatus for dynamically configuring a parent circuit (130A-M) through a subscriber record (140A-P) on an authentication, authorization, and accounting (AAA) server (110) responsive to an authorization event for the subscriber session on the network element (100A-Z). According to one embodiment of the invention, the AAA server accesses the subscriber record for a subscriber session on the network element. Based on this subscriber record, a set of one or more attributes for a subscriber circuit (150) and a set of one or more attributes for a parent circuit (160) of the subscriber circuit are determined. The network element applies the set of subscriber circuit attributes to the subscriber circuit and the set of parent circuit attributes to the parent circuit.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9416/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD OF FORMING A FUNCTIONAL RAZOR CARTRIDGE

(51) International classification	:B22F 3/105
(31) Priority Document No	:09163388.3
(32) Priority Date	:22/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/038967
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/151474
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE GILLETTE COMPANY

Address of Applicant :WORLD SHAVING
HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT - 3E,
ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127,
U.S.A.

(72)Name of Inventor :

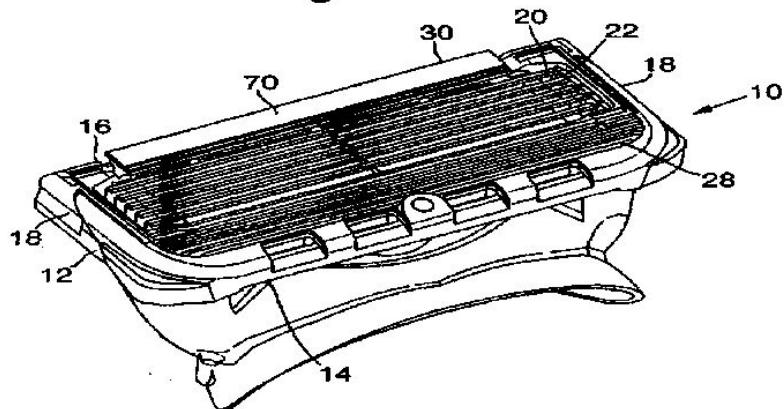
1)PETERSON, MARK

2)PIFF, DOMINIC, MICHAEL

(57) Abstract :

A method of forming a functional razor cartridge for repeated shaving comprises rapid prototyping a housing of a razor cartridge. The housing has a front wall, a rear wall and opposing side walls disposed transverse to and between said front and rear walls. The method further comprises loading a metal insert with one or more elongate blade assemblies and disposing the metal insert in the housing such that the one or more blade assemblies extend between the opposing side walls of the housing. Fig.1.

Fig. 1.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9400/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING A SHIFT AND EXCLUSIVE OR OPERATION IN A SINGLE INSTRUCTION

(51) International classification	:G06F 9/305
(31) Priority Document No	:12/653,704
(32) Priority Date	:17/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054754
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/084214
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CALIFORNIA 95052, U.S.A.

(72)Name of Inventor :

1)GOPAL, VINODH

2)GUILFORD, JAMES D.

3)OZTURK, ERDINC

4)FEGHALI, WAJDI

5)WOLRICH, GILBERT, M.

6)DIXON, MARTIN, G.

(57) Abstract :

Method and apparatus for performing a shift and XOR operation. In one embodiment, an apparatus includes execution resources to execute a first instruction. In response to the first instruction, said execution resources perform a shift and XOR on at least one value.

(FR)L'invention porte sur un procede et sur un appareil qui permettent d'effectuer une operation de decalage et de disjonction (XOR). Dans un mode de realisation, un appareil comprend des ressources d'execution pour executer une premiere instruction. En reponse a la premiere instruction, lesdites ressources d'execution effectuent un decalage et une disjonction sur au moins une valeur.

No. of Pages : 33 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9401/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INSTRUCTION FOR ENABLING A PROCESSOR WAIT STATE

(51) International classification	:G06F 9/30
(31) Priority Document No	:12/641,534
(32) Priority Date	:18/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056320
Filing Date	:11/11/2010
(87) International Publication No	:WO 2011/075246
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)INTEL CORPORATION

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(72)**Name of Inventor :**

1)DIXON, MARTIN G.

2)RODGERS, SCOTT D.

3)GUNTHER, STEPHEN H.

4)SETHI, PRASHANT

5)BAHRAMI, TARANEH

6)HAMMARLUND, PER

(57) Abstract :

In one embodiment, the present invention includes a processor having a core with decode logic to decode an instruction prescribing an identification of a location to be monitored and a timer value, and a timer coupled to the decode logic to perform a count with respect to the timer value. The processor may further include a power management unit coupled to the core to determine a type of a low power state based at least in part on the timer value and cause the processor to enter the low power state responsive to the determination. Other embodiments are described and claimed. (FR)Dans un mode de realisation, la presente invention comprend un processeur ayant un coeur a logique de decodage pour decoder une instruction prescrivant une identification d'un emplacement devant etre surveille et une valeur de temporisateur, et un temporisateur couple a la logique de decodage pour realiser un decompte par rapport a la valeur de temporisateur. Le processeur peut en outre comprendre une unite de gestion d'alimentation couplee au coeur pour determiner un type d'etat basse puissance sur la base d'au moins en partie de la valeur de temporisateur et amener le processeur a passer a l'etat basse puissance en reponse a la determination. D'autres modes de realisation sont decrits et revendiques.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9403/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS TO PROVIDE SECURE APPLICATION EXECUTION

(51) International classification	:G06F 21/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/069212
Filing Date	:22/12/2009
(87) International Publication No	:WO 2011/078855
(61) Patent of Addition 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)ROZAS,, CARLOS V.
- 3)SAVAGANKAR, UDAY R.
- 4)JOHNSON, SIMON P.
- 5)SCARLATA, VINCENT R.
- 6)GOLDSMITH, MICHAEL A.
- 7)BRICKELL, ERNIE
- 8)LI, JIANGTAO
- 9)HERBERT, HOWARD, C.
- 10)DEWAN, PRASHANT
- 11)TOLOPKA, STEPHEN J.
- 12)NEIGER, GILBERT
- 13)DURHAM, DAVID
- 14)GRAUNKE, GARY
- 15)LINT, BERNARD
- 16)VAN DYKE, DON A.
- 17)CIHULA, JOSEPH
- 18)JEYASINGH, STALINSELVARAJ
- 19)VAN DOREN, STEPHEN R.
- 20)RODGERS, DION
- 21)GARNEY, JOHN

(57) Abstract :

A technique to enable secure application and data integrity within a computer system. In one embodiment, one or more secure enclaves are established in which an application and data may be stored and executed.

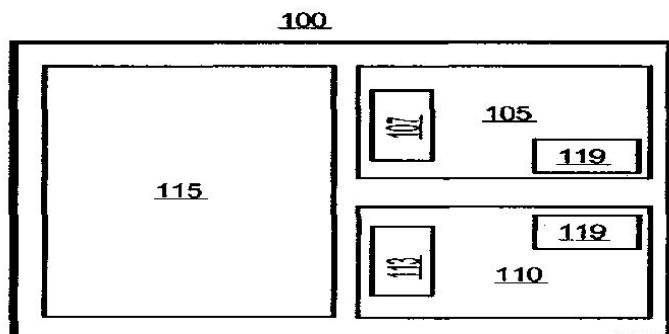


FIG. 1

No. of Pages : 224 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9404/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : THIOPHENE DERIVATIVES

(51) International classification	:C07D 495/04
(31) Priority Document No	:200910068831.1
(32) Priority Date	:14/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072767
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/130224
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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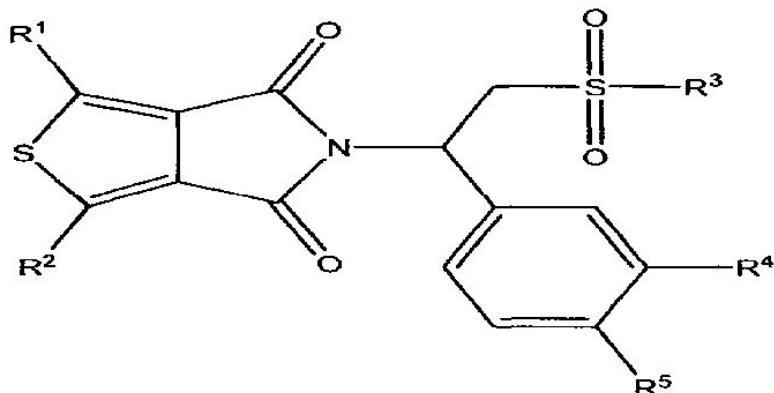
1)ZHANG, HESHENG

2)ZENG, GUANGHUAI

3)GAO, YIFEI

(57) Abstract :

Disclosed is a compound of formula (I), formula (I) wherein R1, R2, R3, R4, R5, R6, R7 and R8 are as defined in the present application.



formula (I)

No. of Pages : 68 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9405/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : REDOX DRUG DERIVATIVES

(51) International classification	:C07D 209/46
(31) Priority Document No	:0908338.7
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050797
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/131054
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LINDSAY, DEREK

2)JACKSON, PETER

(57) Abstract :

The present invention provides redox drug derivatives. In particular, 9-fluoro- 2,3- dihydro-3-methyl-10-(4-methyl-l-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]- 1,4-benzoxazine-6-carboxylic acid, 1 -ethyl-6-fluoro-1,4-dihydro-7-(4-methyl-1 - piperazinyl)-4-oxo-3-quinolinecarboxylic acid, (3R, 4R, 5S)-4-(acetylamino)-5- amino-3-(l -ethylpropoxy)-l-cyclohexene-l-carboxylic acid ethyl ester, (3S)-3- (aminomethyl)-5-methylhexanoic acid, (3S)-1 -[2-(2,3-dihydro-5- benzofuranyl)ethyl]-a-a-diphenyl-3- pyrrolidineacetamide, (1 S,2S,3S,4R)-3- [(1S)-1 -acetamido-2-ethyl-butyl]-4-(diaminomethylideneamino)-2-hydroxy- cyclopentane-1-carboxylic acid and (2R,3R,4S)- 4-[(diaminomethylidene)amino]- 3-acetamido-2-[(IR,2R)-1,2,3-trihydroxypropyl]-3,4- dihydro-2H-pyran-6- carboxylic acid redox derivatives.

No. of Pages : 67 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9392/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POSITION MARKING FOR IDENTIFYING A SURFACE REGION AND METHOD FOR IDENTIFYING / AUTHENTICATING ON THE BASIS OF THE MARKED SURFACE REGION

(51) International classification	:G07D 7/20
(31) Priority Document No	:10 2009 023 536.1
(32) Priority Date	:30/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003025
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/139396
(61) Patent of Addition 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)ANDREAS BACKER

3)THOMAS BIRSZTEJN

4)RALF IMHAUSER

5)CHRISTIAN ROTH

6)WALTER SPETH

7)SIMON HOFF

(57) Abstract :

The invention relates to a position indicator which can be connected to an object and distinctly marks a designated region of a surface of the object such that said region can be clearly differentiated from other regions of the surface. The invention further relates to the use of the position indicator according to the invention for marking surfaces for the purpose of identification and/or authentication and to a method for detecting characteristic radiation patterns, preferably for the purpose of identification and/or authentication of an object.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9393/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE AND METHOD FOR DEGASSING SOLVENT-CONTAINING POLYCARBONATE SOLUTIONS

(51) International classification	:B01D 1/06
(31) Priority Document No	:09007268.7
(32) Priority Date	:30/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/003208
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/139414
(61) Patent of Addition 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)KLEMENS KOHLGRUBER

3)RENE DE CLEYN

4)JOHAN VAEES

5)JOHAN VANDEN EYNDE

6)DIRK VAN MEIR VENNE

(57) Abstract :

The invention relates to an apparatus and a process for devolatilizing solvent-containing polycarbonate solutions. By employing the inventive apparatus, polycarbonates with low residual values of volatile constituents are produced from solvent-containing polymer melts, which improved optical properties, especially yellowness index, with the aid of an apparatus combination of a heatable tubular devolatilizer and a vented extruder.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9394/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTIPLEX ANALYSIS OF STACKED TRANSGENIC PROTEIN

(51) International classification	:A01H 1/04
(31) Priority Document No	:61/183,777
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037192
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141674
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JOHN LAWRY

2)JOSHUA FLOOK

(57) Abstract :

The invention relates to methods for multiplex analysis of complex protein samples from plants using mass spectroscopy. In some embodiments, the disclosure concerns methods for maintaining a transgenic plant variety, for example by analyzing generations of a transgenic plant variety for presence and concentration of multiplexed transgenic proteins.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9397/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE AND METHOD FOR DEGASSING SOLVENT-CONTAINING POLYCARBONATE SOLUTIONS

(51) International classification	:B01D 3/06
(31) Priority Document No	:09007269.5
(32) Priority Date	:30/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/003206
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/139413
(61) Patent of Addition 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)THOMAS KONIG

2)KLEMENS KOHLGRUBER

3)JOHAN VANDEN EYNDE

4)JOHAN VAEES

5)STEFAAN DE VAS

(57) Abstract :

The invention relates to an apparatus and a process for devolatilizing solvent-containing polycarbonate solutions. By employing the inventive apparatus, polycarbonates with low residual values of volatile constituents are produced from solvent-containing polymer melts, which improved optical properties, especially yellowness index, with the aid of an apparatus combination of a flash devolatilizer and a vented extruder.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9431/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BATTERY TERMINAL LUG EQUIPPED WITH A SHUNT FOR MEASURING THE BATTERY CURRENT

(51) International classification	:H01R 13/66
(31) Priority Document No	:0954526
(32) Priority Date	:02/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051326
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/001085
(61) Patent of Addition 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)DENIS GRAVAT**
- 3)SEBASTIEN PERARD**
- 4)NICOLAS BOGAERT**
- 5)EMMANUEL RYCKEBUSCH**
- 6)CHRISTOPHE MONTEIL**
- 7)HUGUES GERVAIS**

(57) Abstract :

The battery lug terminal (1) equipped with a shunt for measuring the battery current and with a support, such as a printed circuit, for at least one electronic component, comprises two separate parts (2, 3) provided with projecting portions designed to carry the shunt and a casing (5, 6) for housing both the shunt and the support, the first part (2) being designed to be fastened to a terminal of the battery, whereas the second part (3) is designed to be fastened to the battery cable associated with said terminal, electrical insulation means (4) being placed between the two parts (2, 3) of the terminal lug (1). Said battery terminal lug is used in motor vehicles.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9434/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BEVERAGE CONTAINING GEL-LIKE MATERIAL

(51) International classification	:A23L 2/00
(31) Priority Document No	:2009-145798
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060371
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/147210
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RYUICHI HATAI

(57) Abstract :

An object of the present invention is to provide a beverage in which a gel-like material can be stably suspended and exists in such a state that the gel-like material is not visible in the beverage. Specifically disclosed is a beverage that contains a gel-like material and a liquid fraction. The beverage is prepared using gellan gum as a gelling agent to prepare the gel-like material, adding gellan gum also to the liquid fraction, and adjusting the Brix value of the gel-like material to a value equal to or lower than the Brix value of the liquid fraction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9417/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : WELLBORE FLUID ADDITIVES AND METHODS OF PRODUCING THE SAME

(51) International classification	:C09K 8/035
(31) Priority Document No	:61/183,281
(32) Priority Date	:02/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037001
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141534
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)HARRIS, JEFFREY, R.
2)BISHOP, MARSHALL, D.
3)GEE, JEFFERY, C.
4)STOUFFER, CARLETON E.

(57) Abstract :

Disclosed herein is a polymer useful in a method of forming a wellbore fluid additive. This polymer comprises a polyethylene backbone comprising pendant aminoalkylsulfonic acid amides which comprise a carbonyl directly attached to a backbone carbon, and an amide formed via the amine group from the aminoalkylsulfonic acid. Methods of preparing these polymers by addition of the aminoalkylsulfonic acid to a polymeric anhydride are disclosed. Methods related to oil extraction using the wellbore fluid with the additive are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9419/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PACKAGING DEVICE AND METHOD FOR PACKING STACKED SOFT HYGIENIC PRODUCTS INTO A PLASTIC BAG

(51) International classification	:B65D 75/12
(31) Priority Document No	:09007477.4
(32) Priority Date	:05/06/2009
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/US2010/037177 :03/06/2010
(87) International Publication No	:WO 2010/141663
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE PROCTER & GAMBLE COMPANY

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(72)Name of Inventor :

1)SPIEKERS, STEPHAN

2)CLOOSTERMANS-HUWAERT, GEERT, IVO

COLETTA MARIA

3)DE SAERT, ANDRE, JOSEPHINE KAREL

4)PORT, MARKUS

5)ULAS, IBRAHIM

6)WESSEL, THOMAS, REINHOLD ALBERT

(57) Abstract :

A packaging device for packing stacked soft hygienic products, e.g. sanitary napkins, panty liners or the like, into a plastic bag made of an endless film, has specific forming shoulder (21) and MD sealing unit (5) to produce a MD seal (35) at a closure edge (46) of the bag. Thus four integral side panels are available at the bag (WB) for imprinting.

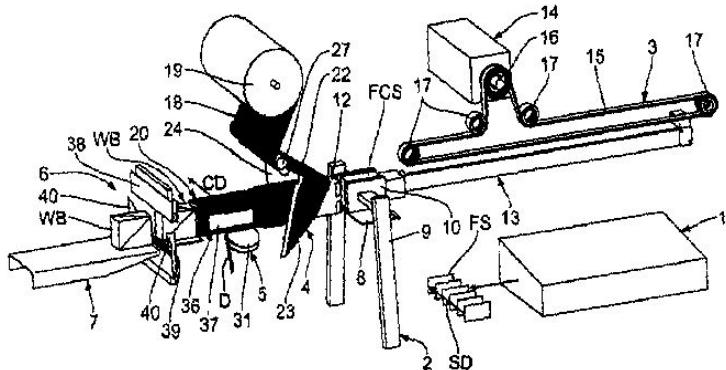


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9442/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MIXTURES COMPOSED OF FUNCTIONALIZED DIENE RUBBERS WITH TRIMETHYLOLPROPANE AND FATTY ACID, A PROCESS FOR PRODUCTION THEREOF AND USE THEREOF

(51) International classification	:C08K 3/34
(31) Priority Document No	:10 2009 023
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056663
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/136345
(61) Patent of Addition 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)NORBERT STEINHAUSER

2)HEIKE KLOPPENBURG

3)DAVID HARDY

4)ALEX LUCASSEN

5)DIETMAR HOFF

6)MICHAELA MEIERS

(57) Abstract :

Vulcanizable rubber mixtures, comprising A) at least one diene rubber functionalized with carboxy groups and/or hydroxy groups and/or with their salts and having a polymer chain composed of repeat units based on at least one diene and optionally on one or more vinylaromatic monomers, B) at least one pale-coloured filler, C) trimethylolpropane, D) at least one fatty acid and E) optionally further rubber additives.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9443/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SINGLE EXHAUST VALVE BRIDGE BRAKE

(51) International classification	:F01L 13/06
(31) Priority Document No	:61/183,385
(32) Priority Date	:02/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037134
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141633
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SOTIR DODI

2)BRIAN RUGGIERO

(57) Abstract :

A cam may be provided with a main exhaust lobe and a compression-release or partial bleeder lobe and a base circle portion between the two lobes. A rocker arm including an internal rocker passage may be operatively connected to the cam. The rocker arm may contact a valve bridge at a central portion. The valve bridge may be operatively connected to first and second engine valves at its first and second ends, respectively. A slave piston incorporated into the first end of the valve bridge and a master piston may be incorporated into the central portion of the valve bridge. The master and slave pistons may be selectively actuated and the bleed hole may be selectively blocked and unblocked to provide compression-release or partial bleeder braking as a result of the valve actuation motion imparted from the cam to the valve bridge through the rocker arm.

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9445/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR SYNTHESIZING 3-(SUBSTITUTED DIHYDROISOINDOLINONE-2-YL)-2,6-DIOXOPIPERIDINE, AND INTERMEDIATES THEREOF

(51) International classification	:C07D 401/04
(31) Priority Document No	:200910142160.9
(32) Priority Date	:01/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073437
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/139266
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

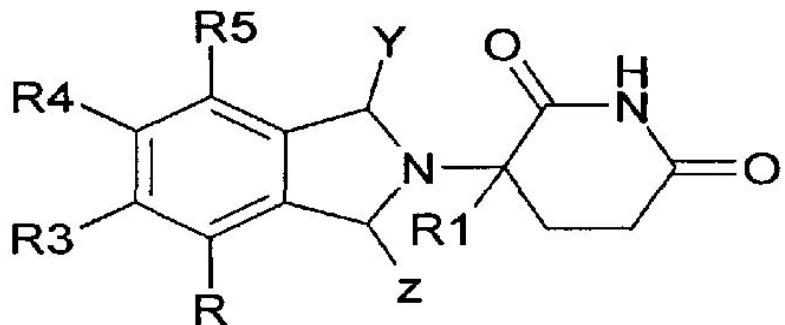
1)YAN, RONG

2)YANG, HAO

3)XU, YONGXIANG

(57) Abstract :

The present invention discloses methods for synthesizing 3-(substituted dihydroisoindolinone-2-yl)-2,6-dioxopiperidine and intermediates thereof, namely, the synthesis of compounds of the Formula (I), with each substitutional group defined in the patent specification. Owing to the advantages of high productivity, little influence to the environment and material accessibility, the methods of the present invention is suitable for industrial production.



(I)

No. of Pages : 85 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9447/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SYSTEMS AND METHOD FOR DETERMINING CARBON CREDITS UTILIZING TWO-WAY DEVICES THAT REPORT POWER USAGE DATA

(51) International classification	:G05D 3/12
(31) Priority Document No	:61/216,712
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001489
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/134987
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)FORBES JR., JOSEPH W.

2)WEBB, JOEL, L.

(57) Abstract :

A load management system controller employs a method for determining carbon credits earned as a result of a control event in which power is reduced to at least one service point serviced by a utility. The controller is located remotely from the service point(s) and determines power consumed over time by at least one device located at the service point(s) to produce power consumption data. The controller stores the power consumption data. At some later point in time, the controller initiates a control event and determines an amount of power reduced during the control event based on the stored power consumption data. The controller also determines a generation mix for power that would have been supplied to the service point(s) if the control event had not occurred. The controller then determines a quantity of carbon credits earned based at least on the amount of power reduced and the generation mix.

No. of Pages : 75 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9435/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUBSTITUTED PIPERIDINES

(51) International classification	:C07D 413/04
(31) Priority Document No	:10 2009 022 896.9
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/003059 :19/05/2010
(87) International Publication No	:WO 2010/136144
(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)CHRISTOPH GERDES

8)MARK JEAN GNOTH

9)KERSTEN MATTHIAS GERICKE

10)MARIO JESKE

(57) Abstract :

The invention relates to novel substituted piperidines, to processes for preparation thereof, to the use thereof for treatment and/or prophylaxis of diseases and to the use thereof for production of medicaments for treatment and/or prophylaxis of diseases, especially of cardiovascular disorders and tumour disorders.

No. of Pages : 217 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9439/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FLAT WATER HEATER WITH REDUCED CAPACITY STORAGE TANKS

(51) International classification	:F24D 3/08
(31) Priority Document No	:AN2010A000005
(32) Priority Date	:29/01/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2011/000121
Filing Date	:25/01/2011
(87) International Publication No	:WO 2011/104592
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ROBERTO PAOLINELLI

3)ANGELO MANCINI

4)ROBERTO SAMPAOLESI

5)ALESSANDRO STOPPONI

(57) Abstract :

The object of the present invention is a method for managing the heating temperature of a flat water heater (1) consisting of at least two storage tanks (2.M, 2.V) connected in series with one another. Said method provides for the water in the upstream tank (2.M) to be maintained at a storage temperature (TM) higher than a predetermined over-temperature (ΔT_{acc}) relative to the storage temperature (Tacc) of the water contained in the downstream tank (2.V).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9441/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : M[□]LANOCORTIN RECEPTOR-SPECIFIC PEPTIDES

(51) International classification	:C07K 7/06
(31) Priority Document No	:61/184,932
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/050626
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/144038
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

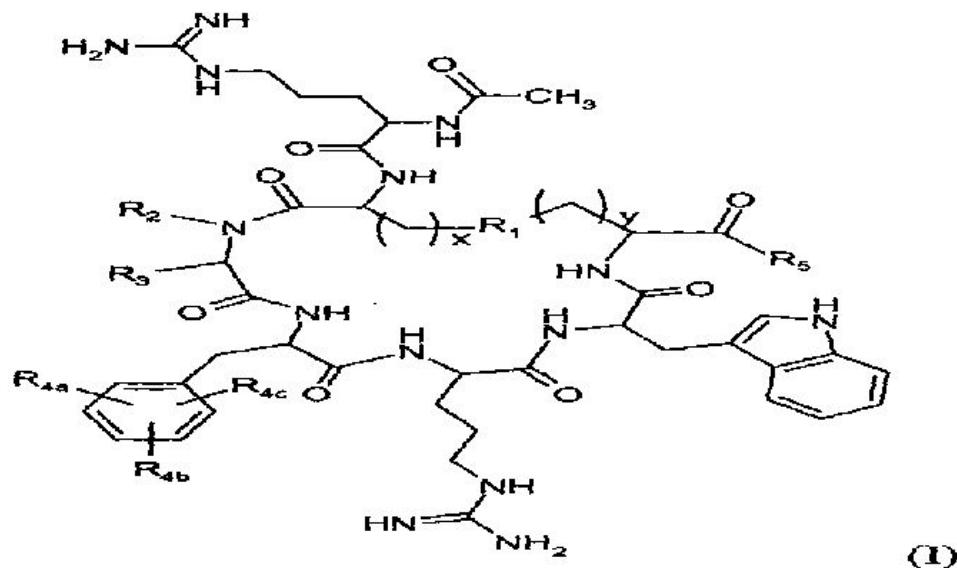
1)JOHN H. DODD

2)YI-QUN SHI

3)WEI YANG

(57) Abstract :

The invention relates to melanocortin receptor-specific cyclic peptides of Formula (I) or a pharmaceutically acceptable salt thereof, where R₁, R₂, R₃, R_{4a}, R_{4b}, R_{4c}, R₅, x and y are as defined in the specification. These compounds are particularly useful in the treatments of energy homeostasis and metabolism related (e.g. diabetes), food intake related and/or energy balance and body weight related diseases, disorders and/or conditions, including obesity, overweight and diseases, disorders and/or conditions associated with obesity and/or overweight, such as type 2 diabetes and metabolic syndrome.



No. of Pages : 137 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9470/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DERIVATIVES OF 6,7-DIHYDRO-5H-IMIDAZO[1,2-A]IMIDAZOLE-3-CARBOXYLIC ACID AMIDES

(51) International classification	:C07D 471/04
(31) Priority Document No	:61/183,098
(32) Priority Date	:02/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/036094 :26/05/2010
(87) International Publication No	:WO 2010/141273
(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)CRAIG ANDREW MILLER**
- 8)ANTONIO J.M. BARBOSA**

(57) Abstract :

Derivatives of 6,7-dihydro-5H-imidazo[1,2-a]imidazole-3-carboxylic acid amide exhibit good inhibitory effect upon the interaction of CAMs and Leukointegrins and are thus useful in the treatment of inflammatory disease.

No. of Pages : 130 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9472/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FRAMED SOAP COMPOSITION

(51) International classification	:C11D 9/10
(31) Priority Document No	:2009-134957
(32) Priority Date	:04/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003738
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/140380
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)TOSHIYA MORIKAWA

(57) Abstract :

The framed soap composition of the present invention contains components (A), (B), (C), and (D) below: (A) a fatty acid having 12 to 18 carbon atoms or salt thereof, the fatty acid containing an unsaturated fatty acid at 8 to 14 wt% of the total fatty acid content: 30 to 60 wt%, (B) a polyol: 10 to 30 wt%, (C) an inorganic salt: 2 to 6 wt%, and (D) water: remainder, the framed soap composition including bubbles in the interior of the soap and having a surface area per cubic centimeter of 400 to 10000 cm² and a specific gravity of 0.75 to 0.88.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9473/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMBINATIONS OF FLUBENDIAMIDES AND USEFUL ORGANISMS

(51) International classification	:A01N 41/10
(31) Priority Document No	:10 2009 026699.2
(32) Priority Date	:03/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003147
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/139408
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HEIKE HUNGENBERG

2)HANS-JURGEN SCHNORBACH

3)WOLFRAM ANDERSCH

4)UDO RECKMANN

(57) Abstract :

The novel combinations of flubendiamide and beneficial species comprising flubendiamide and at least one beneficial species from the orders or suborders of the Araneae, Acari, Dermaptera, Hymenoptera, Coleoptera, Neuroptera, Thysanoptera, Heteroptera, Diptera, Hemiptera, Dermaptera and/or Parasitiformes or at least one bacteria strain or at least one virus strain for the effective control of unwanted pests.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9475/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HOT PRESS MOLDING METHOD FOR STEEL SHEET, HOT PRESS MOLDING APPARATUS FOR STEEL SHEET, AND STEEL MOLD MEMBER

(51) International classification	:B21D 22/20	(71) Name of Applicant :
(31) Priority Document No	:2009-147340	1)NIPPON STEEL CORPORATION
(32) Priority Date	:22/06/2009	Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/060127	1)YUICHI ISHIMORI
Filing Date	:15/06/2010	2)HIROSHI FUKUCHI
(87) International Publication No	:WO 2010/150683	3)TETSUO SHIMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A predetermined portion of a plated steel sheet (K) is rapidly cooled to a Martensite-transformation starting temperature (Ms point) or less by a partial rapid cooling stage (11), the rapidly cooled portion of the plated steel sheet (K) is recuperated to a temperature higher than the Martensite-transformation starting temperature (Ms point) before a hot press molding of the plated steel sheet (K) in a slab state uniformly heated to a temperature of an A1 transformation point or more is performed, and the molding and the rapid cooling to a Martensite-transformation finishing temperature (Mf point) or less of the plated steel sheet (K) are simultaneously performed at a molding and rapid cooling stage (13) after the recuperation of the plated steel sheet (K) is performed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.9406/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPRESSED AIR ENGINE AND MOTOR VEHICLE

(51) International classification	:F01D 1/00
(31) Priority Document No	:200910302072.0
(32) Priority Date	:30/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072297
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/124639
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CONG, YANG

(57) Abstract :

A compressed air engine and a motor vehicle are disclosed. The disclosed compressed air engine comprises a housing, an impeller body and a primary power output shaft, wherein the impeller body is fixed on the primary power output shaft and located within the housing, an ejecting inlet is provided on the housing for ejecting air to the impeller body in the housing, a plurality of working chambers are provided on the circumference surface of the impeller body which matches with the inner surface of the housing, the inner surface of the housing closes the working chambers so that the compressed air ejected to the working chambers from the ejecting inlet pushes the impeller body to rotate and is temporarily stored in the working chamber, and an ejecting outlet is provided on the housing so that the compressed air temporarily stored in the working chamber expands outwards when the compressed air is rotated to the gas ejecting outlet and do work to further push the impeller body to rotate. The compressed air engine enables the gas to do work when it is entered and to do work again when it is discarded.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9461/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR ENTRAINING A SHAFT DOOR BY MEANS OF AN ELEVATOR CAR DOOR

(51) International classification	:B66B 13/12
(31) Priority Document No	:09179529.4
(32) Priority Date	:16/12/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/061911
Filing Date	:16/08/2010
(87) International Publication No	:WO 2011/072891
(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)GENTNER, ALEKSANDER

5)BURUT JIS, PETROS

6)KOLASINSKI, ADAM

(57) Abstract :

The present invention relates to a coupling gear device for entraining a shaft door by means of an elevator car door that can be actuated by a door drive for elevator devices, comprising entrainment means (110) provided on the side of the elevator car door and counter entrainment means (210) arranged on the side of the shaft door. The counter entrainment means can be acted on by the entrainment means (110) for entraining the shaft door, wherein the entrainment means (110) and/or the counter entrainment means (210) can be lowered at least partially in the elevator car door or the shaft door.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9469/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : STEREOSELECTIVE SYNTHESIS OF CERTAIN TRIFLUOROMETHYL-SUBSTITUTED ALCOHOLS

(51) International classification	:C07C 231/18
(31) Priority Document No	:61/183,610
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036496
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/141328
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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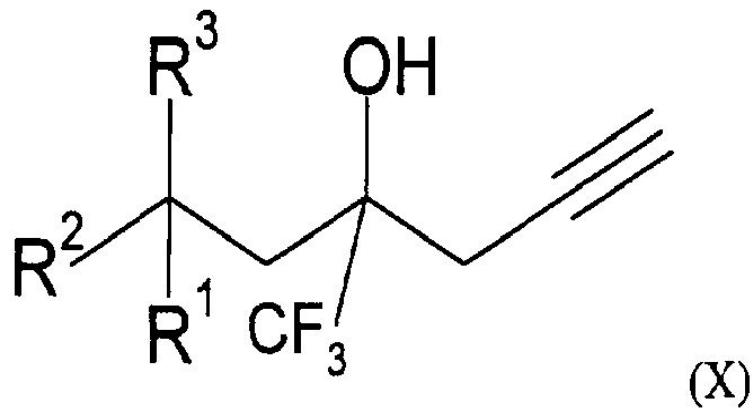
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3)JINHUA J. SONG

(57) Abstract :

A process for synthesis of a compound of Formula (X) wherein: R1 is an aryl group substituted with one to three substituent groups, wherein each substituent group of R1 is independently C1-C5 alkyl, aminocarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, halogen, carboxy, cyano, or trifluoromethyl, wherein each substituent group of R1 is optionally independently substituted with one to three substituents selected from C1-C3 alkyl, C1-C3 alkoxy, phenyl, and alkoxyphenyl; and R2 and R3 are each independently C1-C5 alkyl.



No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9481/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMAGE DISPLAY DEVICE, IMAGE DISPLAY OBSERVING SYSTEM, IMAGE DISPLAY METHOD, AND PROGRAM

(51) International classification	:G09G 5/00
(31) Priority Document No	:JP2009-139011
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059249
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/143559
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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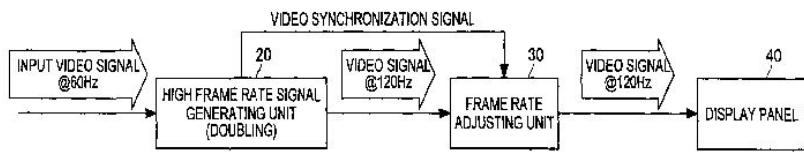
1)HIDEO MORI

2)YASUO INOUE

(57) Abstract :

Provided is an image display device including a high frame rate signal generating unit that increases a frame rate of an input video signal, a frame rate adjusting unit that adjusts a frame rate by synthesizing a black image at intervals of a predetermined frame on a high frame rate signal output from the high frame rate signal generating unit, and a display panel that displays a video based on a video signal output from the frame rate adjusting unit. Representative Drawing Fig. 1

FIG.1



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No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9482/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING A MOLDED PART, AND A MOLDED PART THUS PRODUCED

(51) International classification	:B29D 22/00
(31) Priority Document No	:10 2009 025 385.8
(32) Priority Date	:16/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003562
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/145795
(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)KARLHEINZ WINTER

6)ANDREAS SEIFERT

(57) Abstract :

A method for producing a molded part for accommodating, conducting, or storing a fluid, the molded part having a hollow body delimited by a wall lining, and at least one device for feeding the fluid to the hollow body, and /or discharging fluids therefrom, characterized in that the hollow body is produced with a blow-molding method using polyethylene and the polyethylene is cross-linked.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9448/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DESKTOP LOOSE-LEAF BASE, AND BINDER

(51) International classification	:B42D 5/04
(31) Priority Document No	:JP 2009-202051
(32) Priority Date	:11/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063433
Filing Date	:07/08/2010
(87) International Publication No	:WO 2011/019007
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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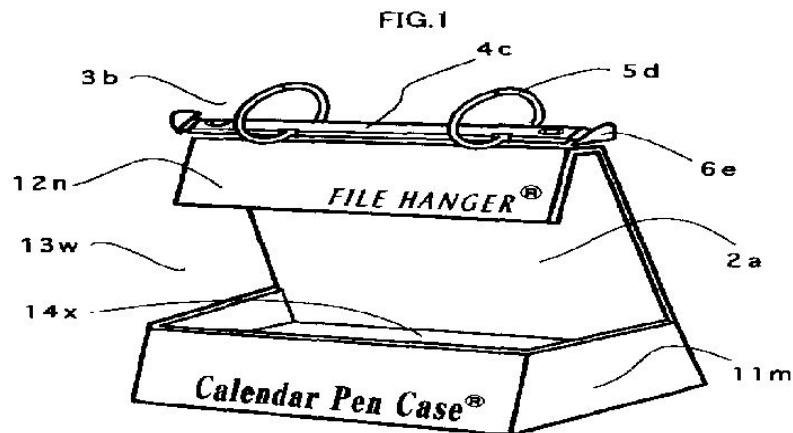
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(72)Name of Inventor :

1)HIRAHARA, YUTAKA

(57) Abstract :

A desktop loose-leaf base comprises a base section and a binder. The base section is a trapezoidal tubular body having a trapezoidal shape in a side view. Both side surfaces of the trapezoidal tubular body are closed at portions thereof which have a given height from the bottom surface of the body, and the portions above the closed surfaces are open. Among the surface of the tilted front wall of the trapezoidal tubular body, a portion of the surface which is above the position at the given height and is below the position located below the top surface and having a different height is cut and removed from one side to the other side. A binder is mounted to the elongated top surface of the base section and is provided with an elongated body section and rings. The body section is mounted to the top surface of the base section and is mounted so as to have the same width as the top surface. The rings are mounted to the body section and can be opened and closed. Each of the rings has linear portions which, when the ring is closed, protrude from the body section and tilt and extend above the front surface side and the rear surface side. Thus, the desktop loose-leaf base which facilitates the replacement of loose-leaf sheets is provided. FIG.1



No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9450/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANTI-AXL ANTIBODY

(51) International classification	:C07K 16/28
(31) Priority Document No	:2009-118725
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058166
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/131733
(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)MATSUO, ATSUSHI
- 5)IGAWA, TOMOYUKI
- 6)SHIRAIWA, HIROTAKE
- 7)TSUNODA, HIROYUKI
- 8)TACHIBANA, TATSUHIKO

(57) Abstract :

An objective of the present invention is to decrease the immunogenicity of mouse-derived anti-AXL antibodies in humans by humanizing them. The present invention provides antibodies that can bind to a specific region in Anexelekt (AXL) and humanized antibodies that are produced based on such antibodies. The anti-AXL antibodies of the present invention have high antitumor activity, and are useful as agents for decreasing the AXL expression level, antitumor agents, and diagnostic agents for cancer.

No. of Pages : 164 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9453/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : THERMAL REDUCTION OF FLUOROETHER CARBOXYLIC ACIDS OR SALTS FROM FLUOROPOLYMER DISPERSIONS

(51) International classification	:C08F 6/16	(71) Name of Applicant :
(31) Priority Document No	:61/176,603	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:08/05/2009	Address of Applicant :1007 MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033987	1)JOHNSON, DAVID WILLIAM
Filing Date	:07/05/2010	2)TETER, KENNETH SCOTT
(87) International Publication No	:WO 2010/129842	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for reducing the fluoroether carboxylic acid or salt content of aqueous fluoropolymer dispersion. The fluoroether carboxylic acid or salt employed comprises fluoroether carboxylic acid or salt having the formula below: [R₁-O-L-COO-] Y⁺ wherein R₁ is a linear, branched or cyclic partially or fully fluorinated aliphatic group which may contain ether linkages; L is a branched partially or fully fluorinated alkylene group which may contain ether linkages; and Y⁺ is hydrogen, ammonium or alkali metal cation. The process comprises adding stabilizer to the aqueous fluoropolymer dispersion to form a stabilized aqueous fluoropolymer dispersion and heating the stabilized aqueous fluoropolymer dispersion to decarboxylate the fluoroether carboxylic acid or salt to produce a fluoroether byproduct. At least a portion of the fluoroether byproduct is removed.

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9455/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PIEZOELECTRIC STACK ACTUATOR ASSEMBLY

(51) International classification	:H01L 41/047
(31) Priority Document No	:61/217,755
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036301
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/141299
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CTS CORPORATION

Address of Applicant :905 WEST BOULEVARD NORTH,
ELKHART, INDIANA 46514 U.S.A.

(72)**Name of Inventor :**

1)PHILLIPS JAMES R.

(57) Abstract :

A piezoelectric actuator assembly comprising at least a stack of interior piezoelectric wafers which, in one embodiment, each include first and second spaced-apart strips of conductive material defining first and second wrap-around electrodes. The interior wafers are stacked in an alternating relationship wherein the first electrodes and the second electrodes are disposed in an opposed relationship. In one embodiment, the assembly includes an end piezoelectric wafer located at each end of the stack of interior wafers and includes a wrap-around electrode in contact with the interior wafers. A conductive end plate is coupled to each of the end piezoelectric wafers. A terminal wire is coupled to each conductive end plate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9429/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CUTTING TOOL

(51) International classification	:B23B 27/16
(31) Priority Document No	:GM 361/2009
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000199
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/141966
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CERATIZIT AUSTRIA GESELLSCHAFT M.B.H.

Address of Applicant :A-6600 REUTTE, AUSTRIA.

(72)Name of Inventor :

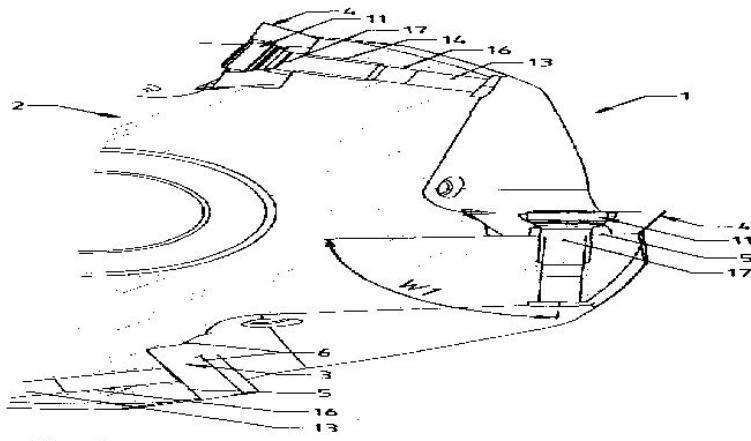
1)BURTSCHER, PETER,

2)DIEPOLD, ANTON,

3)SCHLEINKOFER, UWE

(57) Abstract :

The invention relates to a cutting tool (1), which has a basic tool body (2) and at least one insert seat (3) arranged thereon, said insert seat having a bottom surface (5) for the mounting arrangement of a cutting insert (4) and having a dowel pin (11), which penetrates a through-hole (10) of the mounted cutting insert (4) and the bottom surface (5) and can be secured to the basic tool body (2). A center longitudinal axis (17) of the secured dowel pin (11) is arranged at an acute angle (W_1) with respect to the bottom surface (5). The dowel pin (11) has a spherical segment for the mounting arrangement on a bearing surface of the through-hole (10). The surface of the spherical segment is interrupted by a segment groove.



No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9490/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUBSTITUTED AROMATIC COMPOUNDS AND PHARMACEUTICAL USES THEREOF

(51) International classification	:C07C 57/30
(31) Priority Document No	:61/175,235
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000677
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/127440
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PROMETIC BIOSCIENCES INC.

Address of Applicant :531, BOULEVARD DES PRAIRIES,
EDIFICE 15 LAVAL, QUEBEC H7V 1B7, CANADA

(72)**Name of Inventor :**

1)ZACHARIE, BOULOS

2)PENNEY, CHRISTOPHER

3)GAGNON, LYNE

4)BIENVENU, JEAN-FRANCOIS

5)PERRON, VALERIE

6)GROUIX, BRIGITTE

(57) Abstract :

The present invention relates to substituted aromatic compounds of Formula (I) and their pharmaceutical uses. Particular aspects of the invention relate to the use of those compounds in the prevention and/or treatment of various diseases and conditions in subjects, including the prevention or treatment of (i) blood disorders, (ii) renal disorders, nephropathies, or renal disorder complications; (iii) inflammatory-related diseases; and/or (iv) oxidative stress related disorders.

No. of Pages : 90 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9492/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A THROMBIN RECEPTOR ANTAGONIST AND CLOPIDOGREL FIXED DOSE TABLET

(51) International classification	:A61K 9/24
(31) Priority Document No	:61/185,068
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037581
Filing Date	:07/06/2010
(87) International Publication No	:wo 2010/144339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCHERING CORPORATION

Address of Applicant :2000 GALLOPING HILL ROAD,
KENILWORTH, NEW JERSEY 07033, U.S.A.

(72)Name of Inventor :

1)BURLAGE, RUBI

2)GAFUR, ABDUL, S.

3)DUGGIRALA, SRINIVAS, S.

(57) Abstract :

The present invention provides for a pharmaceutical formulation which comprises a) a compound of the formula (I): SCH 530348 or the bisulfate salt thereof; b) clopidogrel; and c) silicified microcrystalline cellulose.

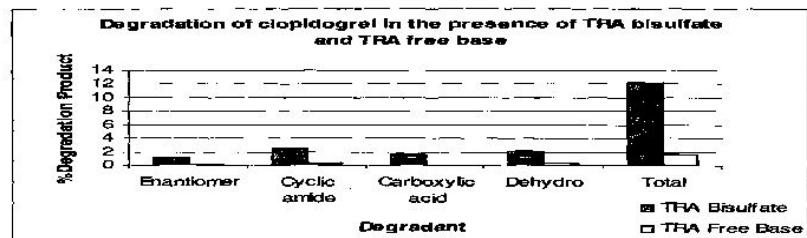
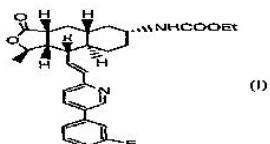


Figure 2.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9495/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FGF21 MUTANTS AND USES THEREOF

(51) International classification	:A61K 38/18
(31) Priority Document No	:61/175,736
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033478
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AMGEN INC.

Address of Applicant :ONE AMGEN CENTER DRIVE,
THOUSAND OAKS, CALIFORNIA 91320-1799, U.S.A.

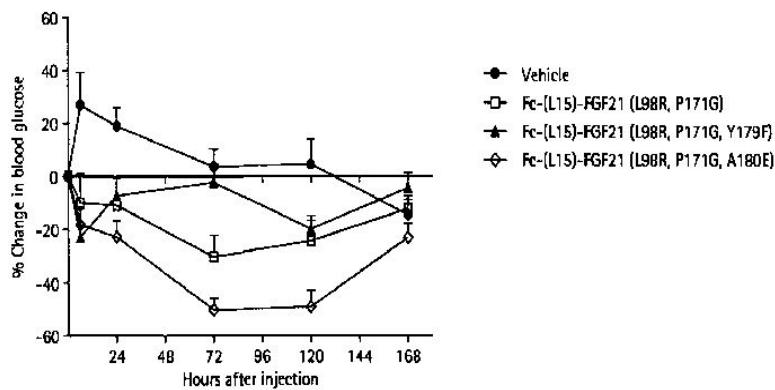
(72)Name of Inventor :

- 1)BELOUSKI, EDWARD, JOHN
- 2)ELLISON, MURIELLE, MARIE
- 3)HAMBURGER, AGNES, EVA
- 4)HECHT, RANDY, IRA
- 5)LI, YUE-SHENG
- 6)MICHAELS, MARK, LEO
- 7)SUN, JEONGHOON
- 8)XU, JING

(57) Abstract :

The invention provides nucleic acid molecules encoding FGF21 mutant polypeptides, FGF21 mutant polypeptides, pharmaceutical compositions comprising FGF21 mutant polypeptides, and methods for treating metabolic disorders using such nucleic acids, polypeptides, or pharmaceutical compositions. FIG. 36

FIG. 36



No. of Pages : 243 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9496/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : WELDING POWER SUPPLY WITH DIGITAL CONTROL OF DUTY CYCLE

(51) International classification	:H02M 3/157
(31) Priority Document No	:61/183,731
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036843
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141431
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ILLINOIS TOOL WORKS INC.

Address of Applicant :3600 WEST LAKE AVENUE,
GLENVIEW, ILLINOIS 60026-1215, U.S.A.

(72)Name of Inventor :

1)VOGEL, BERNARD J.

(57) Abstract :

A welding power supply including power conversion circuitry adapted to receive a primary source of power, to utilize one or more power semiconductor switches to chop the primary source of power, and to convert the chopped power to a welding output is provided. The provided welding power supply includes a pulse width modulated (PWM) digital controller including gate drive circuitry that generates a PWM output signal that controls the switching of the one or more power semiconductor switches. The PWM output signal includes a duty cycle term corrected for one or more sources of error in the welding system.

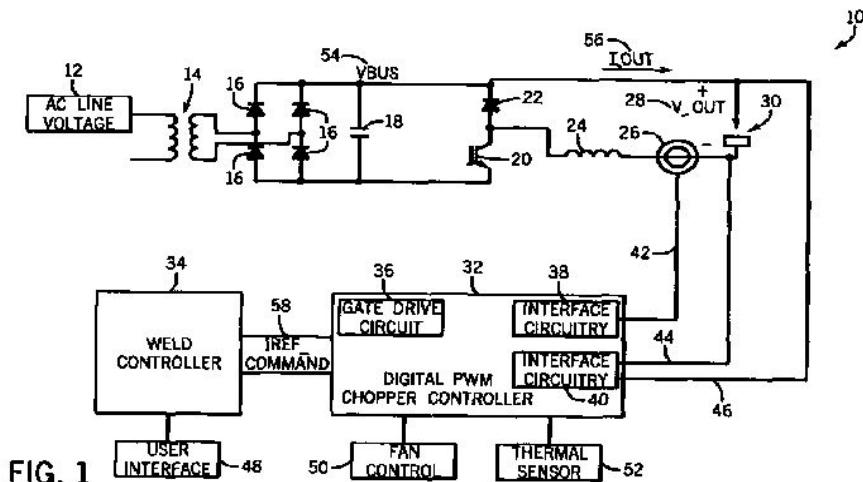


FIG. 1

No. of Pages : 43 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9497/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONTROLLER FOR, WELDING POWER SUPPLY FOR AND METHOD OF DETERMINING DURING WELDING A WELD CABLE INDUCTANCE

(51) International classification	:B23K 9/095
(31) Priority Document No	:61/183,731
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/036855 :01/06/2010
(87) International Publication No	:WO 2010/141435
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ILLINOIS TOOL WORKS INC.

Address of Applicant :3600 WEST LAKE AVENUE,
GLENVIEW, ILLINOIS 60026-1215, U.S.A.

(72)Name of Inventor :

1)VOGEL, BERNARD J.

(57) Abstract :

Systems, devices, and methods for measuring a peak to peak switching ripple in a voltage present on welding output terminals are provided. The systems, devices, and methods may also be utilized to determine, during a welding operation, a weld cable inductance based on the measured peak to peak voltage ripple.

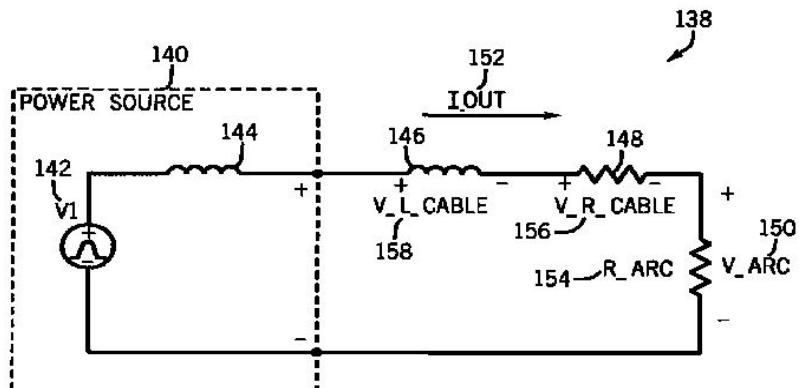


FIG. 7

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9477/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : WELL MONITORING BY MEANS OF DISTRIBUTED SENSING MEANS

(51) International classification	:G01H 9/00
(31) Priority Document No	:0909038.2
(32) Priority Date	:27/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001064
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/058314
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)QINETIQ LIMITED

Address of Applicant :CODY TECHNOLOGY PARK,
IVELY ROAD, FARNBOROUGH, HAMPSHIRE GU14 0LX,
U.K.

(72)**Name of Inventor :**

1)DAVID JOHN HILL

2)MAGNUS MCEWEN-KING

3)PATRICK TINDEL

(57) Abstract :

Methods and apparatus for downhole monitoring are provided by interrogating an unmodified optic fibre (102) arranged along the path of a well bore (106) to provide a distributed acoustic sensor and sampling data gathered from a plurality of contiguous sensing portions of the fibre. The sampled data is processed to determine one or more well bore parameters. The well bore parameters may comprise a well condition profile, and may be obtained in response to an acoustic stimulus.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9478/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INCISION CLOSURE DEVICE AND METHOD

(51) International classification	:A61F 2/00
(31) Priority Document No	:12/476,826
(32) Priority Date	:02/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035934
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/0141252
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ETHICON, INC.

Address of Applicant :U.S. ROUTE 22, SOMERVILLE, NY 08876, U.S.A.

(72)**Name of Inventor :**

1)JENS-PETER STRAEHNZ

(57) Abstract :

A surgical incision closure device and method for using the same, having first and second elements adapted for positioning on first and second sides of the incision respectively. The first element is substantially flat and includes a first longitudinal portion extending in a longitudinal direction, and at least first and second arm portions each extending substantially perpendicularly outward from the first portion and spaced apart from one another. The second element is substantially flat and includes a second longitudinal portion extending in the longitudinal direction, and at least third and fourth arm portions extending substantially perpendicularly outward from the second portion and spaced apart from one another.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9479/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROCESS FOR OPTIMIZING THE PARTICLE SIZE OF AN ACTIVE PHARMACEUTICAL INGREDIENT BY CRYSTALLIZATION

(51) International classification	:C07D 471/04
(31) Priority Document No	:61/183,615
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036503
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/141333
(61) 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

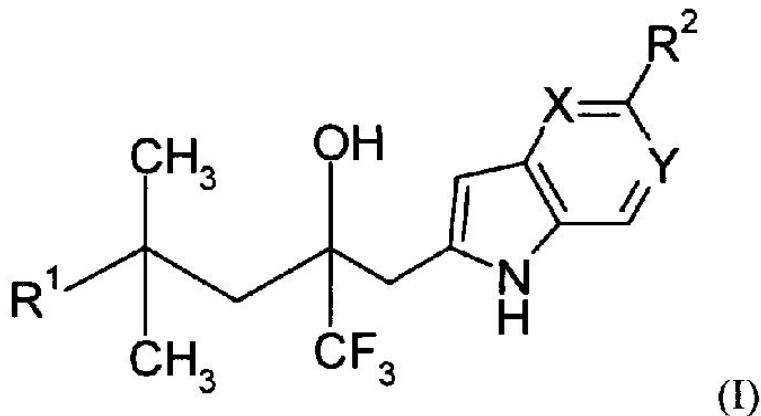
Address of Applicant :BINGER STRASSE 173, 55216
INGELHEIM AM RHEIN, GERMANY

(72)Name of Inventor :

1)SOOJIN KIM

(57) Abstract :

A process to crystallize uniform small particles of a compound of Formula (I) with narrow particle size distribution and excellent powder characteristics that facilitate the formulation process and optimal drug product performance, wherein the compound of Formula (I) is: wherein R1, R2, and R3 are as described herein.



No. of Pages : 39 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9531/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TURBINE ENGINE COMPRISING AN EXHAUST-GAS GUIDE CONE WITH A SOUND SUPPRESSOR

(51) International classification	:F02K 1/82	(71) Name of Applicant :
(31) Priority Document No	:0953495	1)TURBOMECA
(32) Priority Date	:27/05/2009	Address of Applicant :64510 BORDES, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/057363	1)ERIC JEAN-LOUIS BOUTY
Filing Date	:27/05/2010	2)PIERRE-LUC REGAUD
(87) International Publication No	:WO 2010/136545	3)ANTOINE VALLON
(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 gas turbine engine, for which gases flow upstream to downstream, including a combustion chamber, a high-pressure turbine placed downstream from the combustion chamber, arranged so as to receive combustion gases from said combustion chamber, a free turbine, and an exhaust-gas guide cone (7) attached to said free turbine downstream from the latter, the turbine engine emitting sound waves during operation. The turbine engine is characterised in that the guide cone (7) includes a sound suppressor, in particular with a Helmholtz resonator structure, with a resonant cavity (71) and a resonator neck (75) in communication with an opening (76), arranged so as to suppress the sound waves emitted by the turbine engine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9532/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR REDUCING THE DIAMETER OF AN OPENING

(51) International classification	:B23P 6/00
(31) Priority Document No	:0953950
(32) Priority Date	:12/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/057787
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/142599
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SNECMA

Address of Applicant :2 BOULEVARD DU GENERAL MARTIAL VALIN, 75015, PARIS, FRANCE

(72)Name of Inventor :

1)JEAN-MICHEL SERGE MARCEL DURET

(57) Abstract :

The invention relates to a method for reducing the diameter of an opening (2), comprising a step of peening a perimeter (3) of the opening (2). The invention also relates to a method for correcting the permeability of a part (9, 10) comprising a plurality of openings (2) for allowing a gaseous fluid to pass therethrough. The method is characterised in that it comprises the steps of identifying at least one opening (2) with a diameter Dr which exceeds a predetermined upper limit Dmax and reducing said excessive diameter Dr by peening a perimeter of the opening (2).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2011

(21) Application No.9456/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VALVE TIMING CONTROL DEVICE

(51) International classification	:F01L 1/34
(31) Priority Document No	:2009-220653
(32) Priority Date	:25/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052274
Filing Date	:16/02/2010
(87) International Publication No	:WO 2011/036903
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AISIN SEIKI KABUSHIKI KAISHA

Address of Applicant :1, ASAHI-MACHI 2-CHOME,
KARIYA-SHI, AICHI 4488650 JAPAN.

(72)Name of Inventor :

1)KOBAYASHI MASAKI

2)UOZAKI MITSURU

(57) Abstract :

A valve timing control device comprises a drive-side rotational member synchronously rotatable with a crankshaft of an internal combustion engine; a driven-side rotational member mounted coaxially with the drive-side rotational member and synchronously rotatable with a camshaft for opening and closing a valve of the internal combustion engine; a fluid pressure chamber defined by the drive-side rotational member and the driven-side rotational member; a partition provided in at least one of the drive-side rotational member and the driven-side rotational member for dividing the fluid pressure chamber into a retarded angle chamber and an advanced angle chamber; a fluid feeding/discharging mechanism for controlling feed/discharge of working fluid relative to the fluid pressure chamber; a locking mechanism for restricting a relative rotational phase of the driven-side rotational member relative to the drive-side rotational member to a predetermined phase between a most retarded angle phase and a most advanced angle phase; and an urging mechanism for constantly exerting an urging force to the drive-side rotational member and the driven-side rotational member to displace the relative rotational phase to the side of the most retarded angle phase.

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9515/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NUTRITIONAL COMPOSITION FOR SUPPORTING BRAIN DEVELOPMENT AND FUNCTION OF TODDLERS

(51) International classification	:A23L 1/29	(71) Name of Applicant :
(31) Priority Document No	:09161669.8	1)NESTEC S.A.
(32) Priority Date	:02/06/2009	Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/057663	1)STEENHOUT, PHILIPPE
Filing Date	:01/06/2010	2)VOSS, THERESA
(87) International Publication No	:WO 2010/139703	
(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 nutritional composition, in particular directed to toddlers and/or a weaning child, said nutritional composition comprising a protein source, a source of available carbohydrates, a lipid source, at least one probiotic microorganism, and prebiotics, wherein said lipid source comprises DHA (docosahexaenoic acid). The nutritional composition improves cognitive performance, in particular learning and memory of the child. Preferably, the composition comprises sphingomyelin, sialic acid, choline, essential fatty acids and taurine.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9516/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NUTRITIONAL COMPOSITION FOR SUPPORTING BRAIN DEVELOPMENT AND FUNCTION OF CHILDREN

(51) International classification	:A23L 1/29	(71) Name of Applicant :
(31) Priority Document No	:09161668.0	1)NESTEC S.A.
(32) Priority Date	:02/06/2009	Address of Applicant : AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/057662	1)FLEITH, MATHILDE
Filing Date	:01/06/2010	2)FUKUSHIMA, YOICHI
(87) International Publication No	:WO 2010/139702	3)RAPINETT, GERTRUDE
(61) Patent of Addition to Application Number	:NA	4)SCHMITT JEROEN ANTONIUS JOHANNES
Filing Date	:NA	5)MATEUS, MARIA-LUIZA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a nutritional composition, in particular directed to children of 3-6 years, said nutritional composition comprising a protein source, a source of available carbohydrates, a lipid source, at least one probiotic microorganism, and prebiotics, wherein said lipid source comprises DHA (docosahexaenoic acid) and/or ARA (arachidonic acid). The nutritional composition improves cognitive performance, in particular memory, learning comprehension, alertness, attention, concentration, processing speed, conceptual thinking, abstract thinking, verbal abilities, language comprehension, psychomotor skills, curiosity, and confident interaction with the environment. Preferably, the composition comprises one, a combination of several or all selected of the group of DHA, ARA, LA, ALA, choline, iron, iodine and folic acid.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9520/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : APPARATUS AND METHOD OF CONVERTING A PORTION OF THE SPECIFIC ENERGY OF A FLUID IN GAS PHASE INTO MECHANICAL WORK

(51) International classification	:F01D 5/00	(71) Name of Applicant :
(31) Priority Document No	:20092085	1)ENERGREEN AS
(32) Priority Date	:28/05/2009	Address of Applicant :ALGARDSVEIEN 170, N-4325
(33) Name of priority country	:Norway	SANDNES, NORWAY
(86) International Application No	:PCT/NO2010/000191	(72) Name of Inventor :
Filing Date	:26/05/2010	1)TROND MELHUS
(87) International Publication No	:WO 2010/137992	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (1) and a method of converting a portion of the specific energy of a fluid in gas phase into mechanical work are described, the apparatus (1) comprising: at least one housing (3, 3') which is provided with at least one gas-supply portion (7, T) and at least one exhaust portion (9, 9') / each of the at least one housing (3, 3') comprising: a blade wheel (5) which is rotatably arranged in the housing (3, 3') and which includes: a shaft (51) enclosed by a drum (53); at least two blades (55) which are movably arranged to the drum (53) so that a portion (57) of the blades (55) is arranged to be moved towards the internal casing surface (31) of the housing (3, 3') in such a way that the drum (53), the internal casing surface (31) of the housing (3) and the blades (55) define chambers (59) arranged to contain gas, an effective area of a blade (55) which is immediately upstream of the exhaust portion (9, 9') being larger than an effective area of a blade (55) which is immediately upstream of the gas-supply portion (7, 7'); that the blade wheel (5) constitutes a barrier between the gas-supply portion (7, 7') and the exhaust portion (9, 9'); and that the exhaust portion (9, 9') of one of the at least one housing (3, 3') is provided with a condenser (11) to condense the gas which has been carried into the exhaust portion (9, 9').

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9522/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SILICON NITRIDE DIFFUSION BARRIER LAYER FOR CADMIUM STANNATE TCO

(51) International classification	:H01L 31/0264
(31) Priority Document No	:61/179,298
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034585
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/135118
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SCOTT MILLS

2)DALE ROBERTS

3)ZHIBO ZHAO

4)YU YANG

(57) Abstract :

A photovoltaic device can include a transparent conductive oxide layer adjacent to a substrate and a barrier layer, which can include a silicon-containing material.

No. of Pages : 23 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9524/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INTERLACED METHOD FOR TREATING CANCER OR A PRECANCEROUS CONDITION

(51) International classification	:A61K 31/70
(31) Priority Document No	:61/184,658
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037437
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/141842
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)ANDREW J. KROUSE

2)LLOYD S. GRAY

3)TIMOTHY MACDONALD

4)JOEL LINDEN

(57) Abstract :

The present invention provides a method for treating a disease or condition in a mammal which comprises the steps of; administering a therapeutically effective amount of a T type calcium channel inhibitor to effectively slow or stop progression of eukaryotic cells through the S, G2 and M phases of the cell cycle to increase the proportion of the eukaryotic cells in the G1 phase, stopping administration of the T type calcium channel inhibitor for a period of time, and administering a dosage selected from the group consisting of a dosage of at least one chemotherapeutic agent, a dosage of radiation, and combinations thereof, to kill the proportion of eukaryotic cells progressing past the G1 phase of the cell cycle after the stopping of the administration of the T type calcium channel inhibitor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9528/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POSITION MEASUREMENT ENCODER AND METHOD OF OPERATION

(51) International classification	:G01D 5/244
(31) Priority Document No	:0909724.7
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001106
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/139964
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ANDREW PAUL GRIBBLE

(57) Abstract :

A method of operating a position measurement encoder and method of operation, comprising a scale having features defining position information and a readhead for reading the scale. The method comprises: calculating extrapolated position information from at least one previous reading of the scale; comparing an extrapolated position with a position calculated from a reading of the scale to determine any discrepancy between them; using the extrapolated position information whether or not there is a discrepancy; and maintaining a record of any discrepancies.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9540/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PHARMACEUTICAL DOSAGE FORM FOR ORAL ADMINISTRATION OF A BCL-2 FAMILY INHIBITOR

(51) International classification	:A61K 9/00	(71) Name of Applicant :
(31) Priority Document No	:61/185,130	1)ABBOTT GMBH & CO. KG
(32) Priority Date	:08/06/2009	Address of Applicant :MAX-PLANCK-RING 2, 65205
(33) Name of priority country	:U.S.A.	WIESBADEN, GERMANY
(86) International Application No	:PCT/IB2010/001659	(72) Name of Inventor :
Filing Date	:08/06/2010	1)PACKHAEUSER CLAUDIA
(87) International Publication No	:WO 2010/143074	2)STEIGER NORBERT
(61) Patent of Addition to Application Number	:NA	3)LIEPOLD BERND
Filing Date	:NA	4)KOSTELAC DRAZEN
(62) Divisional to Application Number	:NA	5)KNOBLOCH MARTIN
Filing Date	:NA	

(57) Abstract :

The invention relates to a pharmaceutical dosage form which comprises a solid dispersion product comprising N-(4-((2-(4-chlorophenyl)-5,5-dimethyl-1-cyclohex-1-en-1 -yl)methyl)piperazin-1 -yl)benzoyl)-4-(((1R)-3-(morpholin-4-yl)-1 -(phenylsulfanyl)methyl) propyl)amino)-3-((trifluoromethyl)sulfonyl)benzenesulfonamide or a salt, hydrate or solvate thereof, at least one pharmaceutically acceptable polymer, and at least one pharmaceutically acceptable solubilizer. The invention is further directed to processes for preparing the pharmaceutical dosage form and to use of the dosage form for treating proliferative disorders.

No. of Pages : 39 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9546/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMBINATION OF DOPAMINE AGONISTS PLUS FIRST PHASE INSULIN SECRETAGOUGES FOR THE TREATMENT OF METABOLIC DISORDERS

(51) International classification	:A61K 9/22
(31) Priority Document No	:61/217,906
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037605
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/141938
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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RHODE ISLAND 02878, U.S.A.

(72)**Name of Inventor :**

1)ANTHONY H. CINCOTTA

(57) Abstract :

The present invention is directed to a method of treating a metabolic disorder or key elements of a metabolic disorder such method comprising the use of an agent(s) that increases central dopaminergic activity plus a first-phase insulin secretagogue.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9547/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONTINUOUS CULTURE FOR 1,3-PROPANEDIOL PRODUCTION USING HIGH GLYCERINE CONCENTRATION

(51) International classification	:C12P 7/18	(71) Name of Applicant :
(31) Priority Document No	:09159401.0	1)METABOLIC EXPLORER
(32) Priority Date	:05/05/2009	Address of Applicant :BIOPOLE CLERMONT-LIMAGNE, F-63360 SAINT BEAUZIRE, FRANCE
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/056078	1)CHATEAU, MICHEL
Filing Date	:05/05/2010	2)DUBOIS, JEAN-YVES
(87) International Publication No	:WO 2010/128070	3)SOUCAILLE, PHILIPPE
(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 concerns a new method for the production of 1,3-propanediol comprising culturing a microorganism on a culture medium with high glycerine content. The invention also concerns a new microorganism, or strain of microorganism, adapted for the production of 1,3-propanediol from medium comprising high glycerine content. The invention also concerns an adapted microorganism which glycerol metabolism is directed to 1,3-propanediol production, and which is allowed to grow in the presence of a high concentration of industrial glycerine. The invention also concerns a biosourced 1,3-propanediol obtained by the process thereof. Finally the invention concerns the use of the above described biosourced 1,3-propanediol as extender chain in thermoplastic polyurethane, as monomers in polytrimethylene terephthalate and as a component in cosmetics formulations.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9538/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ADMINISTRATION OF VACCINES AGAINST DENGUE VIRUS

(51) International classification	:C12Q 1/70
(31) Priority Document No	:61/183,020
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036726
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/141386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)STINCHCOMB, DAN T.

2)OSORIO, JORGE E.

3)PARTIDOS, CHARALAMBOS D.

4)BREWOO, JOSEPH N.

(57) Abstract :

Embodiments of the present invention report compositions and methods for vaccinating a subject against dengue viruses. In some embodiments, vaccine compositions may be administered by intradermal introduction. In certain embodiments, intradermal introduction in a subject of a vaccine against dengue virus may include one or more intradermal boosts after initial vaccination. Other embodiments include intradermal injection of a vaccine composition against dengue virus wherein the composition provides protection against two or more of DEN-1, DEN-2, DEN-3 and DEN-4.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9557/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : 2-AZATRIPHENYLENE MATERIALS FOR ORGANIC LIGHT EMITTING DIODES

(51) International classification	:C07D 221/18
(31) Priority Document No	:61/177,435
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034479
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/132524
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)UNIVERSAL DISPLAY CORPORATION

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(72)**Name of Inventor :**

1)MA, BIN

2)KWONG, RAYMOND, C.

(57) Abstract :

Compounds containing 2-azatriphenylene are provided. In particular, compounds containing a 2-azatriphenylene core having an additional aromatic group are provided. The compounds provided may be emissive or non-emissive materials. The compounds may be used in organic light emitting devices, particularly as host materials, hole blocking layer materials, or emitting dopants. Devices comprising 2-azatriphenylene containing compounds may demonstrate improved stability and efficiency.

No. of Pages : 107 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9558/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : GALLOTANNIC COMPOUNDS FOR LITHOGRAPHIC PRINTING PLATE COATING COMPOSITIONS

(51) International classification	:C07G 3/00	(71) Name of Applicant :
(31) Priority Document No	:61/255,918	1)MYLAN GROUP
(32) Priority Date	:29/10/2009	Address of Applicant :LONG DUC INDUSTRIAL PARK, TRAVINH CITY, TRAVINH PROVINCE, VIETNAM
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/CA2010/000862	1)NGUYEN, MY, T.
Filing Date	:11/06/2010	2)PHAN, A KHA
(87) International Publication No	:WO 2011/050422	3)NGUYEN, QUOC KHOI
(61) Patent of Addition to Application Number	:NA	4)LOCAS, MARC-ANDRE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a gallotannic compound, a method of producing a gallotannic compound, a lithographic printing plate coating composition, a lithographic printing plate, a method of producing a lithographic printing plate and a method of printing.

No. of Pages : 98 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9559/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR DISTRIBUTING CHARGE MATERIAL INTO A SHAFT FURNACE

(51) International classification	:C21B 7/20
(31) Priority Document No	:91576
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Luxembourg
(86) International Application No	:PCT/EP2010/057784
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/139761
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)THILLEN GUY

2)LONARDI, EMILE

3)HAUSEMER, LIONEL

4)THIX, CHRISTIAN BENOIT

(57) Abstract :

A device (10) for distributing charge material into a shaft furnace comprises a main housing (12), a distribution chute, a suspension rotor (18) and an adjustment rotor (26), which are rotatable about a substantially vertical axis. The chute (32) is suspended to the suspension rotor (18) to rotate therewith for circumferential distribution of charge material and adjustable in orientation through the adjustment rotor (26) for radial distribution of charge material. A differential gear (72) interconnects the suspension rotor (18) and the adjustment rotor (26) and is configured to transmit to the adjustment rotor the same speed of rotation that is imparted to the suspension rotor by a main rotation drive (60) unless an adjustment drive (80) imparts differential rotation to the adjustment rotor. According to the invention, the device includes: - a first gear casing (50) arranged on the main housing (12) and enclosing a gear mechanism (52) that connects the main rotation drive (60) to a first output shaft (54) that protrudes into the main housing (12) where it is connected to a gearwheel (62) that meshes with a first gear ring (64) on the suspension rotor (18); - a second gear casing (70) arranged on the main housing (12) and enclosing the differential gear (72) that connects the adjustment drive (80) to a second output shaft (74) that protrudes into the main housing (12) where it is connected to a gearwheel (82) that meshes with a second gear ring (84) on the adjustment rotor (26); and - a shaft arrangement (90; 190) equipped with a compensating coupling (92, 94, 95; 192) and connecting the differential gear (72) in the second gear casing (70) to the gear mechanism (52) in the first gear casing (50).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9548/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PNEUMATICALLY ACTUATED PILOT VALVE

(51) International classification	:F16K 31/143
(31) Priority Document No	:61/179,422
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035395
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/135419
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)ROMAN, TIMOTHY, S.

(57) Abstract :

The 4-way valve used to control the operation of a pneumatic motor can be pneumatically operated such as by a pilot valve. The pilot valve 20 works by creating a restriction at the high-pressure air/signal port 22 regardless of the pressure drop upstream of the pilot valve 20 while still allowing for adequate flow once the valve 20 is actuated. An additional slide valve 24 is added to the pilot valve 20 that restricts the inlet 30 of the pilot valve 20 above the poppet valve 28 that creates a pressure drop, see Figure 3. The extra pressure drop forces the valve 20 to snap open once the actuator pin 32 contacts the poppet valve 20 to create the hysteresis. Once the valve 20 snaps open, the slide valve 24 moves to uncover the high-pressure ports 22, removing the restriction to ensure that the main 4-way 10 fully actuates.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9550/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR FILLING AND SEALING PHARMACEUTICAL CONTAINERS

(51) International classification	:B65B 3/00
(31) Priority Document No	:102009027452.09
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055955
Filing Date	:03/05/2010
(87) International Publication No	:WO 2011/000606
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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STUTTGART, GERMANY

(72)Name of Inventor :

1)KRAUSS, ULRICH

2)HUMPFER, STEFFEN

3)ULLHERR, KLAUS

4)MAYER, WERNER

(57) Abstract :

Described herein is a device (10) for filling and sealing pharmaceutical containers. The containers are received in a receptacle (12), in which a carrier element (11) is inserted. The containers are disposed in receivers of the carrier element (11). Provided in the device (10) are a first handling unit (27) for removing the carrier element (11) from the receptacle (12), a filling and sealing unit (35) for the containers, and a second handling unit (45) for reinserting the carrier element (11) into the receptacle (12). The second handling unit (45) is associated with a crimping unit (54) that is controlled by the second handling unit (45) when handling the containers that are to be provided with crimp caps (53), so as to first feed the containers into the crimping unit (54) and then reinsert the containers that were sealed earlier by the crimping unit (54) into the carrier element (11).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9552/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : RECEPTACLE FOR PHARMACEUTICAL CONTAINERS

(51) International classification	:A61J 1/16
(31) Priority Document No	:102009027454.5
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056522
Filing Date	:12/05/2010
(87) International Publication No	:WO 2011/000623
(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)ULLHERR, KLAUS

4)MAYER, WERNER

(57) Abstract :

Described herein is a receptacle (10) for pharmaceutical containers. In the receptacle (10), a plurality of containers are disposed in rows next to one another and behind one another. The containers are disposed in particular in tubular receivers (15). Further, the containers are cylindrically shaped, and a stop element (16) is integrated in each receiver (15). The stop element (15) limits an axial movement of a container in the receiver (15). In each receiver (15), two longitudinal slots (17, 18) are formed. The longitudinal slots (17, 18) are disposed about 180 degrees offset to one another. The longitudinal slots (17,18) of all the receivers (15) are aligned in a row next to one another.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9555/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PREVENTION AND TREATMENT OF NOSEMA DISEASE IN BEES

(51) International classification	:A61K 31/00
(31) Priority Document No	:61/213,086
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051980
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/128465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PALDI, NITZAN

2)GLICK, EITAN

(57) Abstract :

Compositions and methods for reducing susceptibility and enhancing tolerance to Nosema disease (Nosemosis) using RNA interference technology, and more particularly, prevention and treatment of Nosema infections in honeybees by feeding of Nosema-specific dsRNA.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9556/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITION INCLUDING AT LEAST ONE TRANS-CINNAMALDEHYDE AND THE USE THEREOF IN THE TREATMENT OF BACTERIAL INFECTIONS, SPECIFICALLY IN THE TREATMENT OF NOSOCOMIAL INFECTIONS

(51) International classification	:A61K 31/015
(31) Priority Document No	:0953734
(32) Priority Date	:05/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/057905
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/139805
(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 :12 AVENUE DE LA GRANDE ARMEE, 75017 PARIS, FRANCE

(72)Name of Inventor :

1)TESSE, NICOLAS

(57) Abstract :

The present invention relates to a composition, in particular an antibacterial drug, including trans-cinnamaldehyde, a pharmaceutical composition including trans-cinnamaldehyde for treatment or prevention, in particular, of a nosocomial infection, specifically caused by a bacteria resistant to anti-bacterial drugs, the use of trans-cinnamaldehyde as an anti-bacterial agent and a method for preparing a surface including the application of a composition according to the invention.

No. of Pages : 58 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9500/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : RECOGNITION USING RE-RECOGNITION AND STATISTICAL CLASSIFICATION

(51) International classification	:G06F 17/00
(31) Priority Document No	:12/477,918
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036964
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141513
(61) Patent of Addition to 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, SHUANGYU

2)LEVIT, MICHAEL

3)BUNTSCHUH, BRUCE

(57) Abstract :

Architecture that employs an overall grammar as a set of context-specific grammars for recognition of an input, each responsible for a specific context, such as subtask category, geographic region, etc. The grammars together cover the entire domain. Moreover, multiple recognitions can be run in parallel against the same input, where each recognition uses one or more of the context-specific grammars. The multiple intermediate recognition results from the different recognizer-grammars are reconciled by running re-recognition using a dynamically composed grammar based on the multiple recognition results and potentially other domain knowledge, or selecting the winner using a statistical classifier operating on classification features extracted from the multiple recognition results and other domain knowledge.

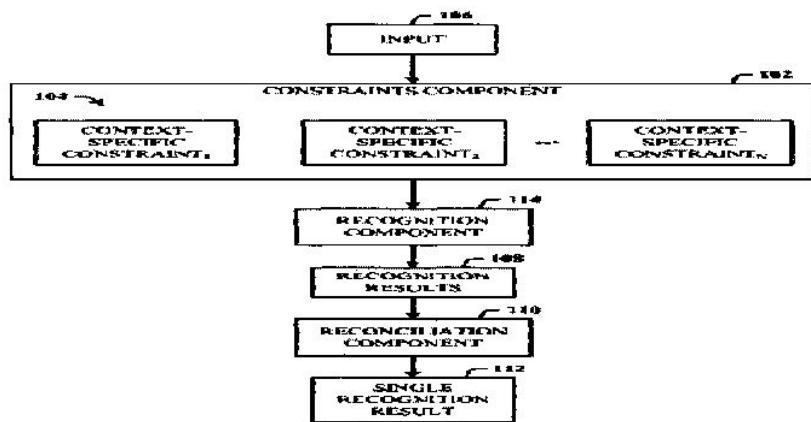


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9501/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SCRUBBING VARIABLE CONTENT PATHS

(51) International classification	:G06F 17/00
(31) Priority Document No	:12/479,625
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037013
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141542
(61) Patent of Addition to Application Number	:NA
Filing 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, BILLY P.

2)OFEK, EYAL

3)COHEN, MICHAEL, F.

(57) Abstract :

Various embodiments provide techniques for scrubbing variable paths in content. By way of example and not limitation, scrubbing can include receiving user input that defines a scrub path and navigating a data path through content based on the scrub path. According to some embodiments, a data path can include one or more predefined paths (e.g., a travel route) through the content. One or more of the techniques can account for variations in a data path and provide ways of maintaining adjacency between a scrub path and navigation along the data path. In some embodiments, a data path can be associated with one or more types of data path content that can be presented in response to a navigation of the data path.

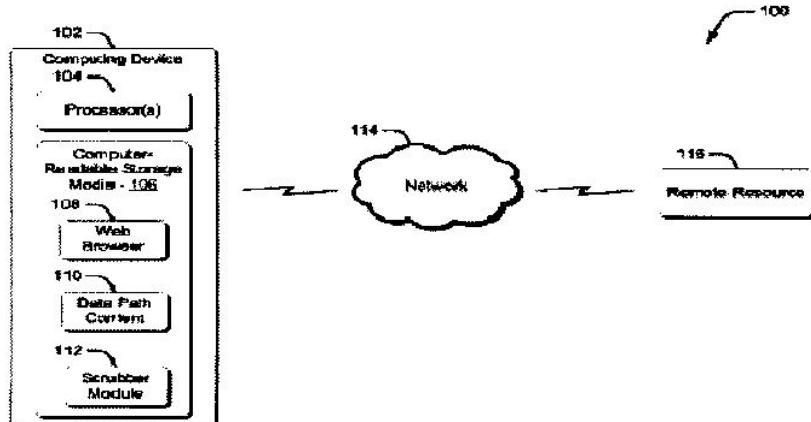


Fig. 1

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9502/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING NEURODEGENERATIVE DISORDERS AND ALZHEIMER'S DISEASE AND IMPROVING NORMAL MEMORY

(51) International classification	:C07K 7/00
(31) Priority Document No	:12/464,850
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034610
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/132609
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

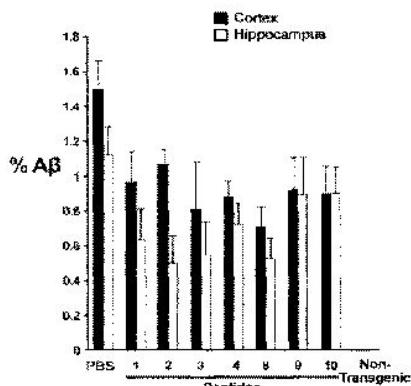
1)DEWJI, NAZNEEN

2)SINGER S., JONATHAN

(57) Abstract :

The disclosure relates generally to neurodegenerative disorders and more specifically to a group of presenilin/G- protein/c-src binding polypeptides and methods of use for modulating signaling and progression of Alzheimer's disease.

Immunohistochemical analysis of total A β in Cortex and Hippocampus of treated Tg mice



ELISA analysis of A β 40 and A β 42 in Cortex of treated Tg mice

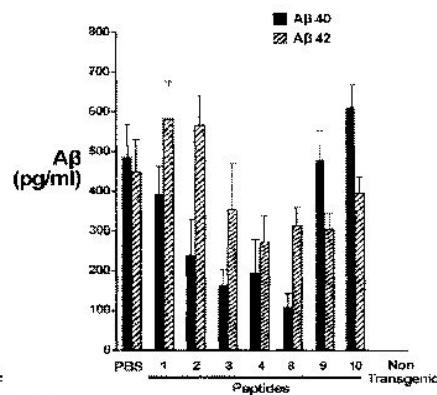


FIGURE 25

No. of Pages : 157 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9503/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METAL-AIR LOW TEMPERATURE IONIC LIQUID CELL

(51) International classification	:H01M 12/06
(31) Priority Document No	:61/177,072
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034235
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/132357
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARIZONA BOARD OF REGENTS, ACTING FOR AND
ON BEHALF OF ARIZONA STATE UNIVERSITY

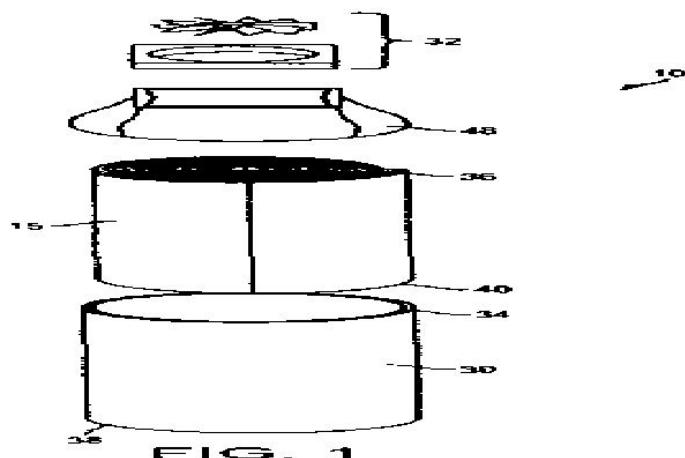
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(72)Name of Inventor :

1)FRIESEN, CODY A.
2)BUTTRY, DANIEL

(57) Abstract :

The present application relates to an electrochemical metal-air cell in which a low temperature ionic liquid is used.



No. of Pages : 32 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9504/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DRAIN CARTRIDGE HAVING REMOVABLE VALVED SYSTEM

(51) International classification	:F16K 1/44
(31) Priority Document No	:61/175,705
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033521
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129531
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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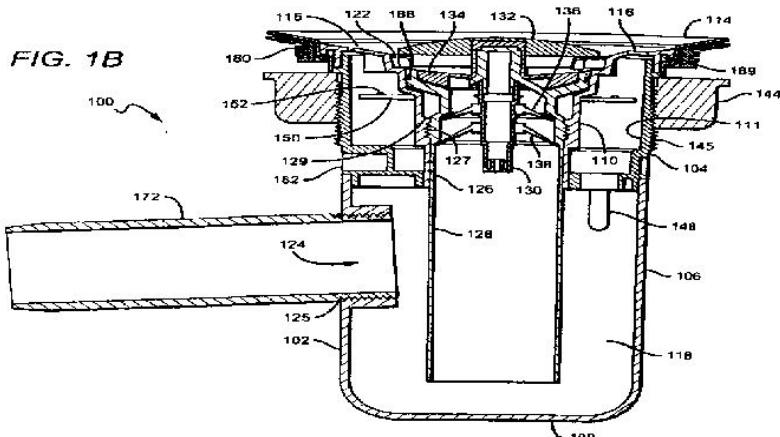
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(72)Name of Inventor :

1)FIMA, GIOVANNI

(57) Abstract :

Various embodiments of a cartridge for regulating a fluid flow are described that include an upper housing, and an insert that is user-removable from the upper housing. The cartridge can include one or more valves that are biased in a closed position to prevent odors from escaping the cartridge. The cartridge can also include a fluid trap that is at least partially disposed within the cartridge or fluidly coupled thereto. An ultraviolet light can be inserted within the cartridge to disinfect a fluid passageway of the cartridge.



No. of Pages : 44 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9508/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MACHINE, MANUFACTURE, AND PROCESS FOR ANALYZING THE RELATIONSHIP BETWEEN DISPOSABLE DIAPER WEAR WITH SLEEP AND/OR DEVELOPMENTAL INDICATORS

(51) International classification	:G06F 19/00
(31) Priority Document No	:12/491,274
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038964
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/151473
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)ODIO MAURICIO ROLANDO

(57) Abstract :

A machine or system, article of manufacture or computer program product, or process for facilitating the analysis of the effect of diaper wear on sleep and/or developmental indicators including verifying a test diaper was secured on at least one of a first plurality of subjects; monitoring the subject for sleep initiation data; evaluating the sleep of the subject based upon sleep evaluation data.

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9574/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AN ELECTRICALLY SMALL ULTRA-WIDEBAND ANTENNA FOR MOBILE HANDSETS AND COMPUTER NETWORKS

(51) International classification	:H01Q 5/00	(71) Name of Applicant :
(31) Priority Document No	:0909877.3	1)THE SECRETARY OF STATE FOR DEFENCE
(32) Priority Date	:09/06/2009	Address of Applicant :DSTL, PORTON DOWN, SALISBURY, WILTSHIRE SP4 0JQ, U.K.
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/001116	(72) Name of Inventor :
Filing Date	:08/06/2010	1)NATHAN CLOW
(87) International Publication No	:WO 2010/142946	2)IVOR LESLIE MORROW
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An antenna arrangement (1020) for use in instantaneous ultra- wideband applications, the arrangement using a coaxial to coaxial aperture connection which, increases matching bandwidth with reduced lossy effect. Beneficially the antenna arrangement uses a top loaded disk (27) to increase its capacitive effect. The arrangement is physically small making it useful for use within mobile handsets and computer networks.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9578/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PECVD COATING USING AN ORGANOSILICON PRECURSOR

(51) International classification	:C23C 16/30
(31) Priority Document No	:61/177,984
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034586
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/132591
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FELTS, JOHN T.

2)FISK, THOMAS E.

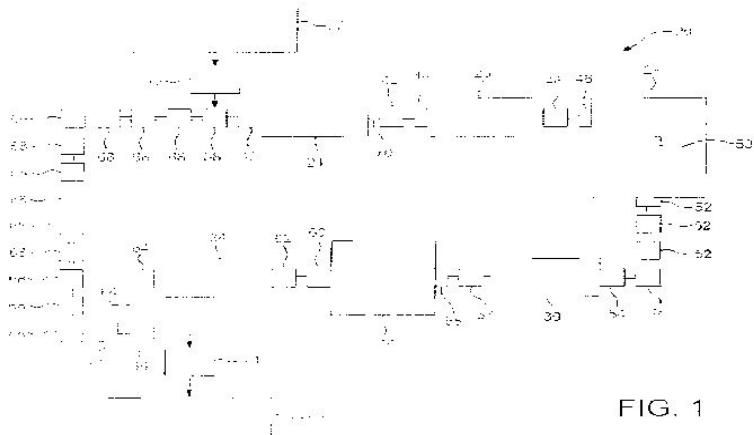
3)ABRAMS, ROBERT S.

4)PANGBORN, ROBERT J.

5)SAGONA, PETER J.

(57) Abstract :

A method for coating a substrate surface by PECVD is provided, the method comprising generating a plasma from a gaseous reactant comprising an organosilicon precursor and optionally O₂. The lubricity, hydrophobicity and/or barrier properties of the coating are set by setting the ratio of the O₂ to the organosilicon precursor in the gaseous reactant. and/or by setting the electric power used for generating the plasma. In particular, a lubricity coating made by said method is provided. Vessels coated by said method and the use of such vessels protecting a compound or composition contained or received in said coated vessel against mechanical and/or chemical effects of the surface of the uncoated vessel material are also provided.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9579/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : STORAGE DEVICE AUTHENTICATION

(51) International classification	:G06F 12/00
(31) Priority Document No	:12/453,614
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034678
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132647
(61) Patent of Addition 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)COUGHLIN, CHESLEY, B.

2)WAGNER, ERIC, M.

(57) Abstract :

Systems and methods authenticate storage devices. In one implementation, a computer-implemented method is provided for authenticating a storage device. According to the method, a manifest that identifies a destination is received. A transfer station reads a digital signature from the storage device. The digital signature is validated and, based on the validation of the digital signature, a transfer of one or more files from the storage device via the transfer station is authorized to the destination identified in the manifest.

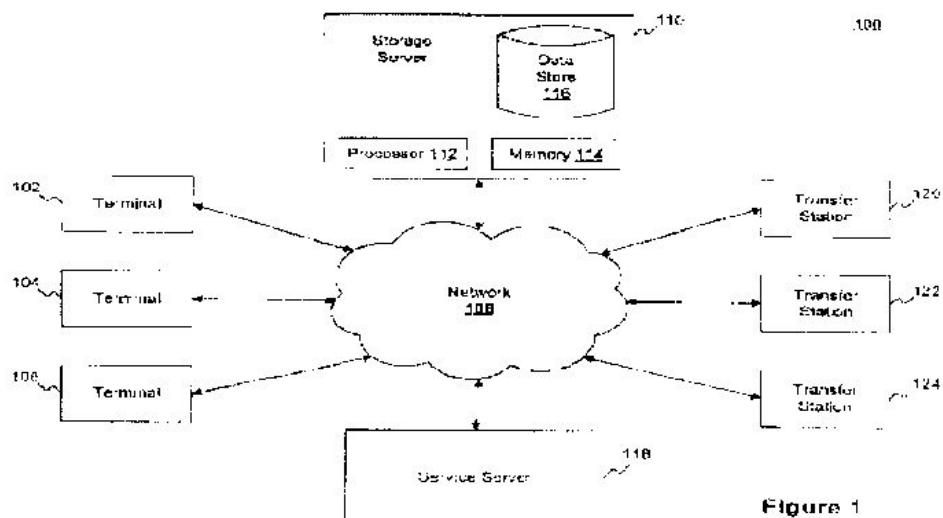


Figure 1

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9580/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING HEMATOLOGIC CANCERS TARGETING THE SIRP - CD47 INTERACTION

(51) International classification	:A61K 38/45
(31) Priority Document No	:61/178,553
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2010/000743 :14/05/2010
(87) International Publication No	:WO 2010/130053
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)WANG C., Y., JEAN

2)DICK, JOHN

3)DANSKA, JAYNE

4)JIN, LIQING

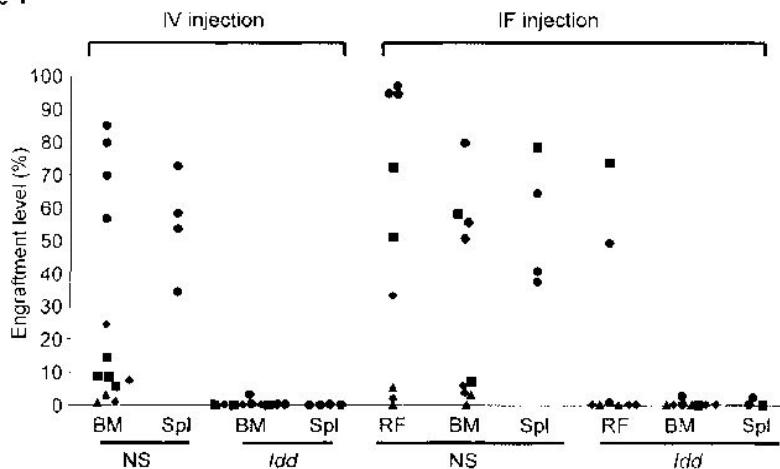
5)RAJAKUMAR, SUJEETHA

6)THEOCHARIDES, ALEXANDRE

(57) Abstract :

The invention relates to modulating the SIRPa-CD47 interaction in order to treat hematological cancer and compounds therefor. In some embodiments, there is provided methods and uses of SIRPa polypeptides, fragments and fusion proteins for treating hematological cancer, preferably human acute myeloid leukemia.

Figure 1



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9582/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : THE PRODUCTION OF N,N-DIALKYLAMINOETHYL (METH)ACRYLATES

(51) International classification	:C07C 213/08
(31) Priority Document No	:12/468,585
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033980
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/135092
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BRAMMER JR., LARRY E.
2)FAIR, BARBARA E.
3)HUANG, CHENG-SUNG
4)QUACH, LINH
5)VER VERS, LEONARD M.
6)REED, PETER E.

(57) Abstract :

A method and apparatus for preparing a N,N-dialkylaminoalkyl acrylate in a continuous transesterification reaction. The reaction involves adding alkyl acrylates such as methacrylate or ethacrylate to a reboiler mechanism and efficiently removing alcohol co-products. Because the reaction is continuous, the alkyl acrylates can be added as needed to increase output, decrease output, or fine-tune the reaction dynamics. An entrainer is used to form a volatile a/eotrope which contains both alcohol and entrainer and which is easily removed from the reboiler mechanism. This method reduces the amount of entrainer needed per unit of alkyl acrylate used and eliminates any need to purify the end product from entrainer contamination of the resulting N,N-dialkylaminoalkyl acrylate product.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9560/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING THREE-DIMENSIONAL OBJECTS

(51) International classification	:B22F 3/105
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/050901
Filing Date	:15/07/2009
(87) International Publication No	:WO 2011/008143
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ARCAM AB

Address of Applicant :KROKSLATTS FABRIKER 27A, S-431 37 MOLNDAL, SWEDEN

(72)**Name of Inventor :**

1)LJUNGBLAD, ULRIC

(57) Abstract :

The invention concerns a method for producing three-dimensional objects (6) layer by layer using a powdery material (7) which can be solidified by irradiating it with a high-energy beam(4), said method comprising the steps of: applying a first layer of powdery material onto a working area (5); solidifying a part of said first layer by irradiating it with a high-energy beam; and applying a second layer (8) of powdery material onto the first, partly solidified layer. The invention is characterized in that the method comprises the step of: determining a rate at which the temperature of the second layer (8) increases after application onto the first layer. The invention also concerns an apparatus configured to operate according to the above method.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.9561/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR DISTRIBUTING CHARGE MATERIAL IN A SHAFT FURNACE

(51) International classification	:C21B 7/20
(31) Priority Document No	:91577
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Luxembourg
(86) International Application No	:PCT/EP2010/057805
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/139776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)THILLEN GUY

2)LONARDI, EMILE

3)HAUSEMER, LIONEL

4)THIX, CHRISTIAN BENOIT

(57) Abstract :

A device (10) for distributing charge material into a shaft furnace comprises a main housing (12), a distribution chute, a suspension rotor (18) and an adjustment rotor (26), which are rotatable about a substantially vertical axis. The chute (32) is suspended to the suspension rotor (18) to rotate therewith for circumferential distribution of charge material and adjustable in orientation through the adjustment rotor (26) for radial distribution of charge material. A differential gear (86) interconnects the suspension rotor (18) and the adjustment rotor (26) and is configured to transmit to the adjustment rotor the same speed of rotation that is imparted to the suspension rotor by a main rotation drive (60) unless an adjustment drive (96) imparts, through the differential gear, a differential rotation to the adjustment rotor. According to the invention, the device includes: a first casing (50) arranged on the main housing (12) and enclosing an angular transmission (52) between a substantially vertical output shaft (54), which protrudes from the first casing (50) into the main housing and is connected to a gearwheel (62) that meshes with a first gear ring (64) on the suspension rotor (18), and a connecting shaft (56), which protrudes from the first casing (50) at an angle, in particular perpendicularly, with respect to the output shaft (54); a second casing (70) arranged on the main housing (12) and enclosing an angular transmission (72) between a substantially vertical output shaft (74), which protrudes from the second casing (70) into the main housing and is connected to a gearwheel (78) that meshes with a second gear ring (80) on the adjustment rotor (26), and a connecting shaft (76), which protrudes from the second casing (70) at an angle, in particular perpendicularly, with respect to the output shaft (74); a third casing (84) that is spaced apart from the first and second casings (50, 70) and encloses the differential gear (86), the differential gear being connected to a first shaft (88), which is coupled to the connecting shaft (56) of the first casing (50), and to a second shaft (90), which is coupled to the connecting shaft (76) of the second casing (70).

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9603/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD OF DEFINING A COLLECTION OF DIGITAL MEDIA CONTENT

(51) International classification	:G06F 17/30
(31) Priority Document No	:0907979.9
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050771
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/131034
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SANT, PHILIP

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4)WHITE, MATTHEW

5)STEAD, ROY

(57) Abstract :

A method for defining a collection of digital media content for playback using a digital media player where (a) the collection is defined using specific criteria; and (b) the collection is not static but can alter or grow even after being made available to the digital media player; and (c) the said digital media files form a subset of a catalogue of digital media files available for the digital media player to play.

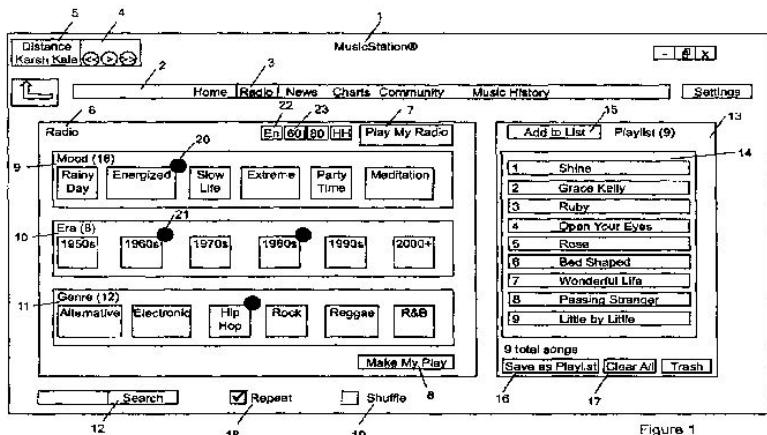


Figure 1

No. of Pages : 18 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9584/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUBSTITUTED-1,3,8-TRIAZASPIRO[4,5]DECANE-2,4-DIONES

(51) International classification	:C07D 491/10
(31) Priority Document No	:61/187,320
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037566
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/147776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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RAHWAY, NEW JERSEY 07065-0907, U.S.A.

(72)**Name of Inventor :**

1)PIERCE, JOAN, M.

2)HALE, JEFFREY, J.

3)MIAO, SHOUWU

4)VACHAL, PETR

(57) Abstract :

The present invention relates to substituted 1,3,8-triazaspiro[4.5]decane-2,4-diones useful as HIF prolyl hydroxylase inhibitors to treat anemia and like conditions.

No. of Pages : 102 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9585/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANTHELMINTIC AGENTS AND THEIR USE

(51) International classification	:C07D 213/74
(31) Priority Document No	:09163036.8
(32) Priority Date	:18/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058462
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/146083
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTERVET INTERNATIONAL B.V.

Address of Applicant :WIM DE KORVERSTRAAT 35, NL-5831 AN BOXMEER, NETHERLANDS

(72)Name of Inventor :

1)CHASSAING, CHRISTOPHE PIERRE ALAIN

2)MEYER, THORSTEN

(57) Abstract :

This invention is directed to compounds of the formula (I) and salts therefore that are generally useful as anthelmintic agents or as intermediates in processes for making anthelmintic agents. This invention also is directed to processes for making the compounds of this invention, pharmaceutical compositions and kits comprising the compounds of this invention, uses of the compounds of this invention to make medicaments, and treatments comprising the administration of the compounds of this invention to animals in need of the treatments.

No. of Pages : 108 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9587/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HIERARCHICAL LOSSLESS COMPRESSION

(51) International classification	:G06T 9/40
(31) Priority Document No	:12/468,757
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035228
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/135307
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADVANCED MICRO DEVICES, INC.

Address of Applicant :ONE AMD PLACE, SUNNYVALE, CA 94008, U.S.A.

(72)Name of Inventor :

1)LYASHEVSKY, ALEXANDER, M.

(57) Abstract :

A method is provided for data compression. The data compression method transforms a square of data into a tile of data. The tile of data is then divided into quads of data that are converted into a representative element, a first delta element, a second delta element, a third delta element, and a control word. A new tile of data is then formed with the representative elements, and the process is repeated until a single representative element remains. The single representative element is then embedded into an output stream with the control words and corresponding delta elements. Decompression of the data is symmetrical to the encoding once the bit stream has been parsed.

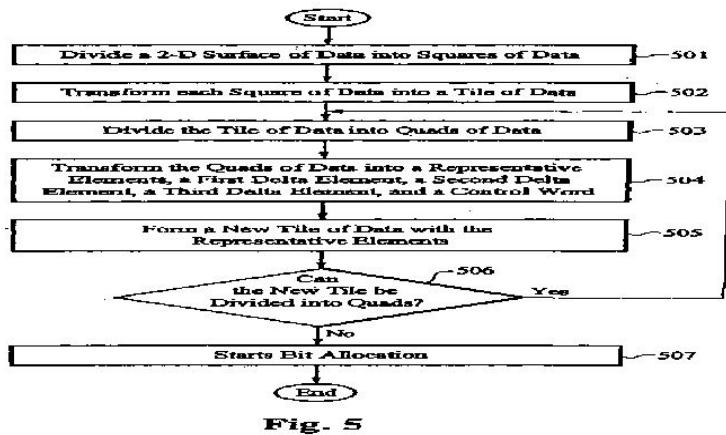


Fig. 5

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9591/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SOLID COMPOSITIONS COMPRISING 5-AMINOLEVULINIC ACID

(51) International classification	:A61K 9/20
(31) Priority Document No	:09251538.6
(32) Priority Date	:11/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003531
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/142456
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PHOTOCURE ASA

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(72)**Name of Inventor :**

1)HELLAND, ODDVEIG SELLAEG

2)STENSRUD, GRY

3)KLEM, BJORN

4)BRAENDEN, JON ERIK

5)GODAL, ASLAK

6)KLAVENESS, JO

7)NA

(57) Abstract :

This invention relates to solid compositions and solid pharmaceutical products for use in methods of photodynamic diagnosis of cancer, pre-cancerous and non-cancerous conditions in the lower part of the gastrointestinal system. The solid pharmaceutical compositions and pharmaceutical products comprise an active ingredient which is 5-aminolevulinic acid (5-ALA) or a precursor or derivative of 5-ALA or pharmaceutically acceptable salts thereof. The invention relates further to methods of photodynamic diagnosis of cancer, pre-cancerous and non-cancerous conditions of the lower gastrointestinal tract, wherein the solid pharmaceutical compositions and pharmaceutical products are used.

No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9592/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PHOTOVOLTAIC CELL MANUFACTURING METHOD AND PHOTOVOLTAIC CELL MANUFACTURING APPARATUS

(51) International classification	:H01L 31/04	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ULVAC, INC.
(32) Priority Date	:NA	Address of Applicant :2500, HAGISONO, CHIGASAKI-SHI, KANAGAWA 253-8543, JAPAN
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:PCT/JP2009/061135	1)YAMAMURO, KAZUHIRO
Filing Date	:18/06/2009	2)SATO, SEIICHI
(87) International Publication No	:WO 2010/146698	3)YAHAGI, MITSURU
(61) Patent of Addition to Application Number	:NA	4)YUYAMA, JUNPEI
Filing Date	:NA	5)NAKAMURA, KYUZO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A photovoltaic cell manufacturing method includes: forming a photoelectric converter (12) including a plurality of compartment elements (21, 21s), the compartment elements (21, 21s) adjacent to each other being electrically connected; determining the compartment element (21s) having a structural defect (R, A1, A2, A3) in the photoelectric converter (12); narrowing down a region (Z) in which the structural defect exists in the compartment element (21s) based on a resistance distribution which is obtained by measuring resistances of a plurality of portions between the compartment elements (21, 21s) adjacent to each other, image-capturing the inside of the narrowed region (Z) in which the structural defect exists by use of an image capturing section (24), accurately determining a position of the structural defect from the obtained image so that a portion in which the structural defect exists in the compartment element (21s) is restricted; and removing the structural defect by irradiating the portion in which the structural defect exists with a laser beam.

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9512/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : OVERCURRENT LIMIT IN THE CONTROL OF THREE-PHASE MACHINES FED BY INVERTER

(51) International classification	:H02P 21/08
(31) Priority Document No	:10 2009 021 823.8
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002832
Filing Date	:04/05/2010
(87) International Publication No	:04/05/2010
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOMBARDIER TRANSPORTATION GMBH

Address of Applicant :SCHONEBERGER UFER 1 10785
BERLIN GERMANY

(72)Name of Inventor :

1)KRAFKA, PETER

2)RAMPE, MICHAEL

(57) Abstract :

The invention relates to a method and a structure for the operation of a rotary current machine, which is fed by a three-phase converter, using a stator flux controller (123) and a slip frequency controller (113) or using a stator flux controller and a torque controller, wherein the torque-forming fundamental-frequency current component of the stator current, i.e. the current through the stator of the machine (N), is limited by limiting a setpoint value (ω_{SI}) that is supplied to the slip frequency controller (113) or to the torque controller to a maximum slip frequency value ($\omega_{SI_i_max}$, at the output of 112) or maximum torque value, the flux-forming fundamental-frequency current component of the stator current is limited by limiting the speed at which a setpoint value (ψ_s^*) supplied to the stator flux controller (123) changes to a maximum value ($\Delta\psi_{s,max}$, at the output of 119), the maximum slip frequency value ($\omega_{SI_i_max}$) or maximum torque value is calculated on the basis of a prescribed maximum current value ($i_{s,max}$) for a stator current fundamental-frequency magnitude of the stator current and on the basis of a filtered actual value ($|i_{sd}|_f$) of the flux-forming fundamental-frequency current component (i_{sd}) of the stator current (i_s).

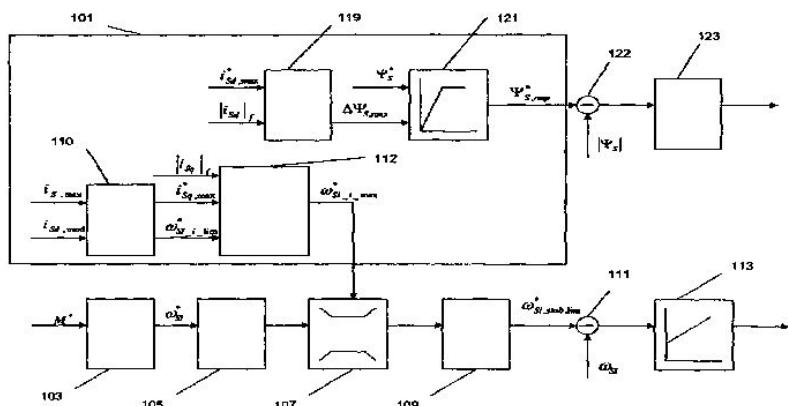


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9513/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : 'PLUG VALVE INDICATOR

(51) International classification	:F16K 37/00
(31) Priority Document No	:61/183,617
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037156
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141651
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)S.P.M. FLOW CONTROL, INC.

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WORTH, TEXAS 76108, U.S.A.

(72)Name of Inventor :

1)BRIAN C. WITKOWSKI

2)EDWARD C. KOTAPISH

(57) Abstract :

A valve has a body having a rotatable valve element. A drive mechanism has a drive input member and a drive output member that are coupled to the valve element for rotating the valve element. A shear member is operatively located within the drive mechanism between the drive input member and the drive output member for shearing in the event the force to rotate the valve element is excessive. The valve has indicia indicating open and closed positions for the valve element. An indicator is mounted to output drive member to properly align with the indicia regardless whether the shear member has sheared or not.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9610/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LINEAR ACTUATOR AND FORKLIFT TRUCK

(51) International classification	:F16H 25/24
(31) Priority Document No	:2009-147770
(32) Priority Date	:22/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060447
Filing Date	:21/06/2010
(87) International Publication No	:WO 2010/150732
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1) HITACHI CONSTRUCTION MACHINERY CO. LTD.
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(72)**Name of Inventor :**

**1) HAYASE ISAO
2) HIRAKU KENJI
3) YAMADA HIROYUKI
4) OCHIAI MASAMI
5) YANAGI YUICHI**

(57) Abstract :

This invention includes a screw shaft 1, a screw thread 30 formed spirally on an outer periphery of the screw shaft, main rollers 4 with rolling surfaces 4c each of which comes into contact with a flank surface la of the thread, the main rollers each rolling along the flank surface by rotating about a rotational axis D, roller support members 6 each supporting one main roller so as to enable the main roller to rotate about the rotational axis, and a roller cage 2 supporting the roller support member so as to enable the support member to oscillate with respect to a force transmitted from the flank surface via the rolling surface to the main roller, the roller cage being constructed to turn about the screw shaft in relative form with respect to the screw shaft when the main roller rolls. Thus, the roller and the screw shaft reliably come into linear contact with each other, even if a backlash due to dimensional errors between parts exists between the parts.

No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9616/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : WET PAINT COATING THICKNESS MEASUREMENT AND INSTRUMENT

(51) International classification	:G01B 11/06
(31) Priority Document No	:2009902392
(32) Priority Date	:26/05/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000631
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/135769
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BUCHER, UDO WOLF

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DARLINGHURST, NEW SOUTH WALES 2010, AUSTRALIA

(72)Name of Inventor :

1)BUCHER, UDO WOLF

(57) Abstract :

An instrument is described for measuring the thickness of a paint coating on a rotating roll of a roll coating applicator roll for determination of the thickness of a paint coating to be applied to a moving substrate comprising: sensor means arranged for emitting and detecting signals reflected from the surface of the paint coating on at least one roll of the roll coating applicator to generate data indicative of the position of the surface of the paint on the roll, the sensor means being distanced from the paint coating for the emission and detection of the signals; and processing means for processing the data generated by the sensor means to determine the thickness of the paint coating to be applied to the substrate.

No. of Pages : 42 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9593/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PERSONAL CARE COMPOSITION COMPRISING A SYNTHETIC CATIONIC POLYMER

(51) International classification	:A61K 8/81
(31) Priority Document No	:61/218,342
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039025
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/148220
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)STELLA, QING

2)SMITH, EDWARD, DEWEY, III

3)THOMPSON, TODD, RYAN

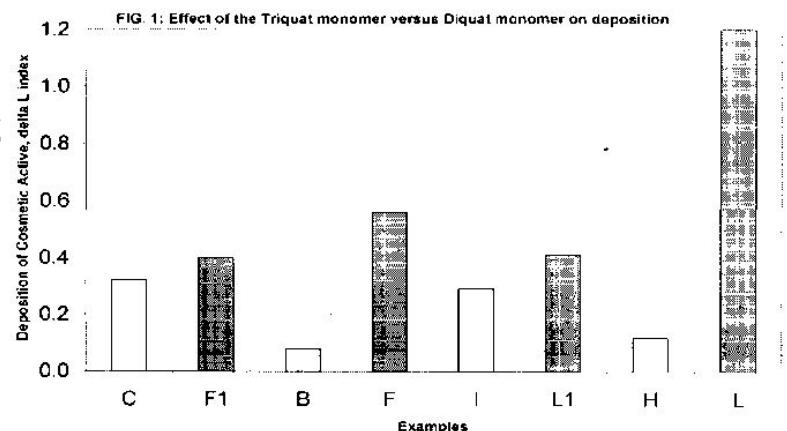
4)SCHUBERT, BETH, ANN

5)WHITELY, NATHAN, RAY

6)GARZAM CYNTHIA, ANN

(57) Abstract :

A personal care composition that comprises a synthetic random polymer comprising a net positive charge; said synthetic random polymer comprising an acrylamide monomer unit; and a cationic monomer unit comprising 3 or more positive charges; wherein said synthetic random polymer comprises a ratio of said acrylamide monomer unit to said cationic monomer unit comprising from about 55:45 to about 97:3; and a surfactant component; and an aqueous carrier.



No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9597/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS OF TREATING OR PREVENTING INFLUENZA ASSOCIATED ILLNESS WITH OXIDATIVE REDUCTIVE POTENTIAL WATER SOLUTIONS

(51) International classification	:A61K 39/145
(31) Priority Document No	:61/177,275
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034238
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/132360
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ALIMI, HOJABR

2)THATCHER, EILEEN

(57) Abstract :

The present invention provides methods of treating, reducing, and/or preventing the incidence of an influenza related viral infection in a patient comprising administering a therapeutically effective amount of an oxidative reductive potential (ORP) water solution. The present invention also provides methods of reducing or preventing the incidence of an influenza related viral infection in a patient associated with a medical device comprising contacting the medical device with an effective amount of an ORP water solution.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9635/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VALVE

(51) International classification :F16K 1/42
(31) Priority Document No :10 2009 027 527.4
(32) Priority Date :08/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/059169
 Filing Date :29/06/2010
(87) International Publication No :WO 2010/003769
(61) Patent of Addition to Application
 Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

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1)PFETZER, JOHANNES

2) KOTLARSKI, THOMAS

3)SCHOENEMANN

4) SCHMID, JOERG

5)MAHFOUDH, SAMIR

(57) Abstract :

Described herein is a valve (100, 101) comprising a housing (110, 111), an annular sealing element (140, 146), and a displaceable closure element (170). The sealing element (140, 146) and the closure element (170) are disposed within the housing (110, 111), and the valve (100, 101) can be closed by placing the closure element (170) against the annular sealing element (140, 146). According to the present subject matter, the valve (100, 101) has a hollow space (131, 132) in a region of an outer side of the annular sealing element (140, 146), in which a part (143, 144) of the annular sealing element (140, 146) can be received during thermal expansion.

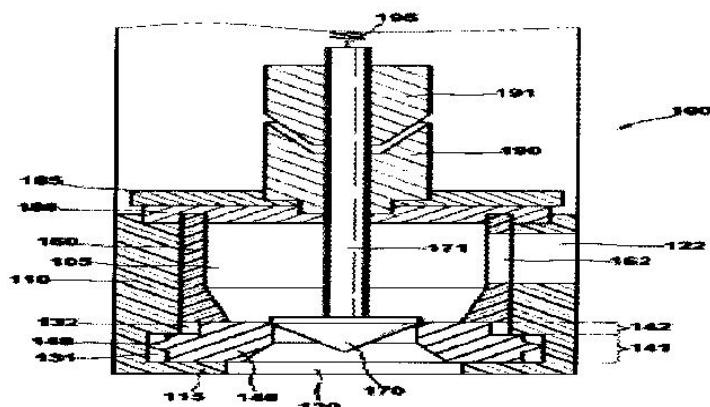


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9636/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING A STATOR WINDING OF AN ELECTRIC MACHINE, IN PARTICULAR AN ALTERNATOR

(51) International classification	:H02K 15/04
(31) Priority Document No	:10 2009 024 231.7
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/057144
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/136445
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HENNE, MARTIN

3)HERBOLD, KLAUS

4)SCHWARZKOPF, CHRISTOPH

5)KREUZER, HELMUT

(57) Abstract :

Described herein is a method for manufacturing a stator winding (18) of an electric machine (10), particularly an alternator. The stator winding (18) comprises at least one phase winding (143, 144, 145, 146, 147) and the phase winding (143, 144, 145, 146, 147) comprises a plurality of coils (82). The method comprises winding the plurality of coils (82) in one direction (100), where a predetermined number of turns (94) are wound and a coil (82) has a plurality of coil sides (88); and transitioning integrally two coil sides (88) of the coil (82) into coil connectors (97). According to the present subject matter, the method further comprises subsequently moving the turns (94) of the coil (82) relative to each other in such a way that the plurality of coil sides (88) transitioning into the coil connectors (97) are outermost coil sides (88) of the coil (82).

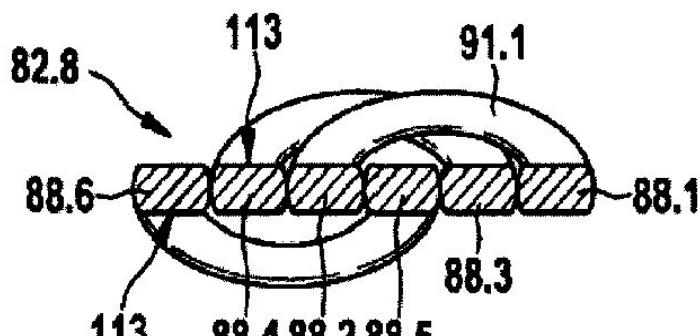


Fig. 5b

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9637/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SWITCHING RELAY HAVING CONTACT RIPPING DEVICE

(51) International classification	:H01H 51/06
(31) Priority Document No	:10 2009 027 844.3
(32) Priority Date	:20/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/060490
Filing Date	:20/07/2010
(87) International Publication No	:WO 2010/009865
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BIESSENBERGER, THOMAS

2)WANNER, HARTMUT

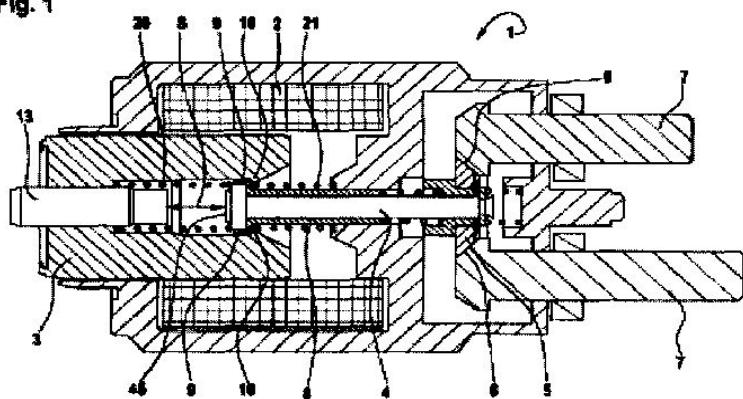
3)NEUMANN, OLIVER

4)EHRENWALL, UWE

(57) Abstract :

Described herein is a switching relay (1), particularly for a starting device for starting an internal combustion engine. The switching relay (1) includes a contact device (5), a relay coil (2), an armature (3), an actuating rod (4), where the actuating rod (4) is displaced by the armature (3) when current is applied to the relay coil (2) and the contact device (5) is actuated by the actuating rod (4), and includes a contact ripping device to couple the armature (3) and the actuating rod (4) with each other. The relay coil (2) and the contact device (5) are formed as an assembly displaceable on the armature (3). The armature (3) is formed as a part of a latching unit that is uncatchable, for the contact ripping device. The relay coil (2) and the contact device (5) are formed as an assembly displaceable on the armature (3).

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9639/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE AND METHOD FOR OPENING A PACKAGING

(51) International classification	:B65B 69/00
(31) Priority Document No	:102009027600.9
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056532
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/003652
(61) 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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STUTTGART, GERMANY

(72)Name of Inventor :

1)KRAUSS, ULRICH

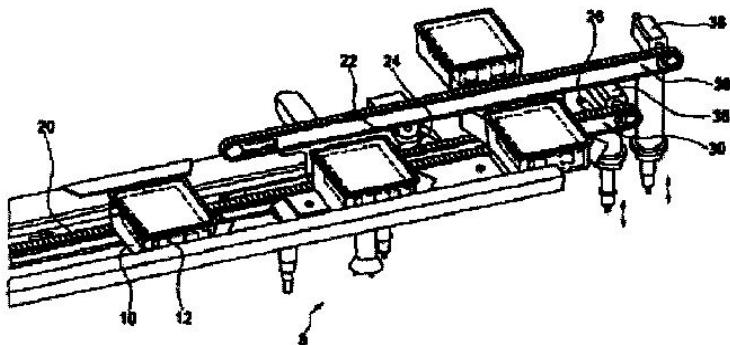
2)MAYER, ULRICH

3)LEIDIG, JUERGEN

(57) Abstract :

Described herein is a device (8) and a method for opening a packaging (10). The device (8) includes at least one clamping unit (28, 30) to clamp a first section of the packaging (10) to be opened; and atleast one cutting unit (22) for cutting open the clamped packaging (10). Further, the clamping unit (28, 30) includes units (32) for adhesion of the packaging (10) on the clamping unit (28, 30) even when the packaging (10) is not clamped.

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9652/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MICROPOROUS MATERIAL DERIVED FROM RENEWABLE POLYMERS AND ARTICLES
PREPARED THEREFROM

(51) International classification	:B29C 67/20	(71) Name of Applicant :
(31) Priority Document No	:61/185,653	1)PPG INDUSTRIES OHIO, INC.
(32) Priority Date	:10/06/2009	Address of Applicant :3800 WEST 143ND STREET, CLEVELAND, OHIO 44111, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/037748	1)GARDNER, CHRISTINE
Filing Date	:08/06/2010	2)BOYER, JAMES L.
(87) International Publication No	:WO 2010/144431	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to microporous materials comprising: (a) a polymeric matrix comprising a renewable polymer and optionally a polyolefin that is the same as . or different from the renewable polymer, (b) finely divided, particulate filler distributed throughout the matrix, and (c) at least 35 percent by volume of a network of interconnecting pores communicating throughout the microporous material. Also provided are multilayer articles prepared from the above-described microporous materials.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9653/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MICROPOROUS MATERIAL HAVING DEGRADATION PROPERTIES AND ARTICLES
PREPARED THEREFROM

(51) International classification	:B29C 67/20	(71) Name of Applicant :
(31) Priority Document No	:61/185,653	1)PPG INDUSTRIES OHIO, INC.
(32) Priority Date	:10/06/2009	Address of Applicant :3800 WEST 143ND STREET, CLEVELAND, OHIO 44111, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/037724	1)GARDNER, CHRISTINE
Filing Date	:08/06/2010	2)BOYER, JAMES L.
(87) International Publication No	:WO 2010/144410	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to biodegradable microporous materials and multi-layer articles containing them. The biodegradable microporous materials comprise: (a) a polyolefin matrix, (b) finely divided, particulate filler distributed throughout the matrix, (c) at least 35 percent by volume of a network of interconnecting pores communicating throughout the microporous material and (d) a biodegradation promoting material distributed throughout the matrix. Also provided are multilayer articles prepared from the above-described microporous materials.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9656/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR TREATMENT OF DISEASE USING AN EPIMETABOLIC SHIFTER (COENZYME Q10)

(51) International classification	:A61K 31/122
(31) Priority Document No	:61/177,243
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034453
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132507
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)BERG BIOSYSTEMS LLC

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(72)**Name of Inventor :**

1)NARAIN NIVEN RAJIN

2)MCCOOK JOHN PATRICK

(57) Abstract :

Methods and formulations for treating oncological disorders in humans using Coenzyme Q10 are described.

No. of Pages : 306 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9658/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR THE DIAGNOSIS OF ONCOLOGICAL DISORDERS USING EPIMETABOLIC SHIFTERS, MULTIDIMENSIONAL INTRACELLULAR MOLECULES, OR ENVIRONMENTAL INFLUENCERS

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/177,241
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034427
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)NARAIN NIVEN RAJIN

2)MCCOOK JOHN PATRICK

3)SARANGARAJAN RANGAPRASAD

(57) Abstract :

Methods and formulations for diagnosing oncological disorders in humans using epimetabolic shifters, multidimensional intracellular molecules or environmental influencers are described.

No. of Pages : 258 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9662/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PACKAGING STRUCTURE FOR CONTAINERS FOR PHARMACEUTICAL USE

(51) International classification	:A61M 5/00
(31) Priority Document No	:MI2010A000747 (IT)
(32) Priority Date	:30/04/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2011/056861
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/135085
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)NICOLETT, FABIANO

(57) Abstract :

Packaging structure for containers (3, 3') for pharmaceutical use, comprising a tray (1) having an open side for introducing and extracting a support plane (2) of the containers (3, 3'), and a closing element (5) of the open side of the tray (1), said support plane (2) having a spatial prefixed distribution of seats (6) in which said containers (3, 3') can be precisely positioned without mutual contact, whereby the structure comprises diversification means of the engaging configuration between said support plane (2) and said tray (1) in order to maintain unchanged the points inside the tray (1) in which an end (3a, 3al) of the containers (3, 3') is placed, with the variation of the height of the containers (3, 3') associated from time to time to the support plane (2).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9623/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ALLOYED METAL COLLOID

(51) International classification	:G01N 33/543
(31) Priority Document No	:2009-176812
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004816
Filing Date	:29/07/2010
(87) International Publication No	:WO 2010/013378
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)OTSUKA PHARMAUTICAL CO., LTD.

(72)Name of Inventor :

1)MASATOSHI WATABE

2)TETSUYA ODA

3)SUGURU AKAMATSU

(57) Abstract :

Provided is a metal colloid having higher visibility and higher sensitivity than a gold colloid and a Au-core Pt-shell composite colloid and suitable as a labeling agent for use in a test such as an immunoassay. An alloyed Au/Pt composite colloid formed by mixing a gold salt and a platinum salt with at least one reducing agent selected from the group consisting of an amino acid and a derivative thereof, an oligopeptide and a derivative thereof, and an amino sugar in the presence of an alkali, thereby reducing the gold salt and platinum salt.

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9624/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LUBRICATING COMPOSITION CONTAINING FRICTION MODIFIER AND VISCOSITY MODIFIER

(51) International classification	:C10M 161/00
(31) Priority Document No	:61/184,011
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036993
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141530
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)JODY A. KOCSIS

2)BRENT R. DOHNER

3)HAIHU QIN

4)MARINA BAUM

(57) Abstract :

A lubricant composition suitable for lubricating an internal combustion engine comprises: (a) an oil of lubricating viscosity having a viscosity index of at least 105 and a kinematic viscosity at 100 C of less than 7 mm²s-l; (b) 0.01 to 2 weight percent of a friction modifier represented by the structure [I]; (c) 0.5 to 4 weight percent of a poly(meth)acrylate viscosity modifier polymer; (d) 0 to 500 parts per million by weight of molybdenum in the form of an oil-soluble molybdenum compound; and (e) 0 to 200 parts per million by weight of boron in the form of an oil-soluble boron compound.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9625/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CENTRIFUGAL IMPELLER FOR A COMPRESSOR

(51) International classification	:F04D 29/30
(31) Priority Document No	:0953757
(32) Priority Date	:05/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051078
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/139901
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TURBOMECA

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(72)Name of Inventor :

1)JEROME PORODO

2)NICOLAS ROCHUON

3)LAURENT TARNOWSKI

(57) Abstract :

A centrifugal impeller for a compressor, through which a fluid is to pass, the impeller (18) comprises blades (24, 25) each having a leading edge and a trailing edge (24F, 25F), the rotation of the impeller (18) sucking fluid in through the front of the impeller, said fluid leaving the impeller (18) via its outer periphery, the trailing edges (24F, 25F) of the blades (24, 25) being such that in a radial section plane intersecting the trailing edges (24F, 25F) of said blades, they are curved in the direction opposite to the direction of rotation of the impeller, and the trailing edge portions of the blades (24, 25) are redirected in the direction of rotation of the impeller in such a manner as to form respective end fins (26, 27) serving to deflect the flow of the fluid by redirecting it radially.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9626/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PARKING SHELTER PROVIDED WITH PHOTOVOLTAIC SOLAR PANELS

(51) International classification	:E04H 6/02
(31) Priority Document No	:0953466
(32) Priority Date	:26/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/057185
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/136468
(61) Patent of Addition 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)ENERQOS FRANCE

3)BATUT BERNARD

(72)**Name of Inventor :**

1)BATUT BERNARD

2)PHILIPPE PASCAL

3)MARC VOGELEISEN

4)SHANIN GASHTI

(57) Abstract :

The invention relates to a parking shelter (200) in particular comprising a roof (205) at least partially covered with photovoltaic solar panels (206), characterised in that said parking shelter comprises four supporting legs (201; 202; 203; 204), wherein at least one first supporting leg (201) and one second supporting leg (202) have a substantially vertical bottom portion (301) and an inclined top portion (302) directed towards the periphery of the roof

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9628/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SPLIT-CYCLE AIR-HYBRID ENGINE WITH AIR TANK VALVE

(51) International classification	:F02B 33/22
(31) Priority Document No	:61/313,831
(32) Priority Date	:15/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/028285
Filing Date	:14/03/2011
(87) International Publication No	:WO 2010/115873
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SCUDERI GROUP, LLC

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(72)**Name of Inventor :**

1)RICCARDO MELDOLESI

2)NICHOLAS BADAIN

3)IAN GILBERT

(57) Abstract :

A split-cycle air-hybrid engine includes a rotatable crankshaft. A compression piston is slidably received within a compression cylinder. An expansion piston is slidably received within an expansion cylinder. A crossover passage interconnects the compression and expansion cylinders. The crossover passage includes a crossover compression (XovrC) valve and a crossover expansion (XovrE) valve. An air reservoir is operatively connected to the crossover passage. An air reservoir valve selectively controls air flow into and out of the air reservoir. In an Engine Firing (EF) mode, the air reservoir valve is kept closed. In an Air Expander (AE) and an Air Expander and Firing (AEF) mode, the air reservoir valve is kept open for a duration that is at least as long as a duration of the XovrE valve opening event. In an Air Compressor (AC) mode and a Firing and Charging (FC) mode, the air reservoir valve is selectively opened and closed.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9663/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A SWITCH AND CONTROL DEVICE AND A DRIVE TRAIN FOR A HYDRODYNAMIC MACHINE

(51) International classification	:H05K 7/20
(31) Priority Document No	:10 2009 050 512.1
(32) Priority Date	:23/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006017
Filing Date	:01/10/2010
(87) International Publication No	:WO 2010/047782
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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HEIDENHEIM GERMANY (DE)

(72)Name of Inventor :

1)BISCHOFF, MARKUS

(57) Abstract :

The invention relates to a switch and control device (1) for setting the power or torque transmission in a hydrodynamic machine (19), comprising at least one primary wheel (28) and a secondary wheel (29), which together form a working space that can be filled with a working medium - comprising a housing (32) that is composed of a main body (4) and two shells (2, 3); at least one electronic component (5) that is at least indirectly used for controlling and/or monitoring the hydrodynamic machine (19) or a predetermined state of said machine; at least one control valve (6) that can be actuated by means of the electronic component (5) in order to control a working medium flow in the hydrodynamic machine or into or out of the hydrodynamic machine (19), wherein the first shell (2) encloses the electronic component; the second shell (3) receives at least a portion of the at least one control valve (6); the two shells (2, 3) are arranged on end faces of the main body (4) that face away from each other; the first shell (2) and/or the main body (4) are arranged on the hydrodynamic machine (19) or on a line conducting the working medium flow into or out of the hydrodynamic machine (19) such that heat transfer takes place between the working medium and/or the hydrodynamic machine (19) on the one hand and the electronic component (5) on the other hand.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9666/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUBSTITUTED PIPERIDINYLPROPANOIC ACID COMPOUNDS AND METHODS OF THEIR USE

(51) International classification	:C07D 211/34
(31) Priority Document No	:61/184,891
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037772
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/144446
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ROLAND E. DOLLE

2)BERTRAND LE BOURDONNEC

(57) Abstract :

Novel 3,4-disubstituted-4-(3-carbamoylphenyl)-piperidinylpropanoic acid compounds and their salts, including pharmaceutically acceptable salts, pharmaceutical compositions and methods of their use are disclosed. The novel compounds are useful, inter alia, as antagonists of opioid receptors.

No. of Pages : 91 No. of Claims : 136

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9670/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANATOMICAL AUGMENTATION DEVICE

(51) International classification	:A61F 2/00
(31) Priority Document No	:PA 2009 00718
(32) Priority Date	:08/06/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/050128
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/142294
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RANDY L. MORNINGSTAR

(57) Abstract :

An anatomical augmentation device configured to augment a Tabular member of a human body includes an inflatable bladder, a support coupled to the inflatable bladder, and a pump coupleable with the inflatable bladder. The support includes a first connection Line and a second connection line that are each attachable to soft tissue to position the inflatable bladder relative to the tubular member of the human body. The device is a bcdy-im-plantable device and the pump is configured to selectively inflate the inflat=able bladder to occlude the tubular member of the human body.

No. of Pages : 43 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9673/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR ORTHOPOXVIRUS PRODUCTION AND PURIFICATION

(51) International classification	:A61K 39/275
(31) Priority Document No	:09305422.9
(32) Priority Date	:12/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056491
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/130753
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)CLAUDE SENE

2)SYLVIE CAMPOURCY

3)YVES CORDIER

(57) Abstract :

The present invention relates to a method for producing and purifying a wild type, an attenuated and/or a recombinant Orthopoxvirus. The present invention relates to a purified wild type, attenuated and/or recombinant Orthopoxvirus obtained by the method of the invention and to a pharmaceutical composition, preferably a vaccine, comprising said purified Orthopoxvirus for the treatment and/or the prevention a cancer, an infectious disease and/or an autoimmune disorder, and uses thereof. The present invention also relates to the use of an immortalized avian cell line obtained from an avian cell belonging to the Anatidae family, in particular Cairina moschata immortalized avian cell lines comprising a nucleic acid sequence coding a telomerase reverse transcriptase (TERT) and optionally an E1A nucleic acid sequence, for the production of a wild type, attenuated and/or recombinant Orthopoxvirus according to the process of the invention.

No. of Pages : 58 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9629/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUBLINGUAL DEXMEDETOMIDINE COMPOSITIONS AND METHODS OF USE THEREOF

(51) International classification	:A61K 31/415
(31) Priority Document No	:61/178,730
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035136
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/132882
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GERALDINE ANNE HENWOOD

2)RANDALL JEROME MACK

3)CHRISTOPHER THOMAS SHARR

4)JOHN JOSEPH KOLENG, JR.

(57) Abstract :

Analgesic sublingual formulations of dexmedetomidine and methods of use thereof are provided for use in the prevention, treatment and management of pain and other conditions.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.9631/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING A FLUID SYSTEM OF AN EXTRACORPOREAL BLOOD TREATMENT DEVICE

(51) International classification	:A61M 1/36	(71)Name of Applicant :
(31) Priority Document No	:10 2009 024 864.1	1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
(32) Priority Date	:09/06/2009	Address of Applicant :ELSE-KRONER-STRASSE 1 BAD
(33) Name of priority country	:Germany	HOMBUR V.D.H. 61352 (DE) Germany
(86) International Application No	:PCT/EP2010/003329	(72)Name of Inventor :
Filing Date	:01/06/2010	1)KOPPERSCHMIDT, PASCAL
(87) International Publication No	:WO 2010/142394	2)NURNBERGER, THOMAS
(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 and a device for monitoring a fluid system of an extracorporeal blood treatment device, comprising an extracorporeal bloodstream I having an arterial blood line 5 leading to a first chamber 3 of a dialyzer 1 or filter, which is divided by a semipermeable membrane 2 into the first chamber 3 and a second chamber 4, and having a venous blood line 6 leading out of the first chamber 3 of the dialyzer 1 or filter. In the method according to the invention and the device according to the invention, the pressure in a ventilation line (12) branching off the venous drip chamber 8 in the venous blood line 6 is measured, a hydrophobic filter 16 being disposed in the ventilation line. A fault in the fluid system is determined in the absence of pressure variations in the segment of the ventilation line 12 remote from the venous drip chamber 8. The pressure variations in the ventilation line 12 can be generated downstream of the hydrophobic filter 16 by alternately ventilating the ventilation line that is closed downstream of the hydrophobic filter during blood treatment.

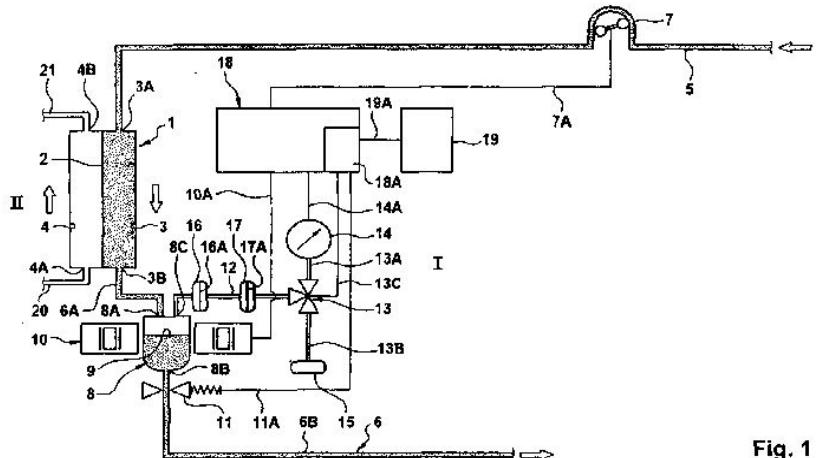


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9679/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SEMICONDUCTOR LIGHT EMITTING DIODES HAVING REFLECTIVE STRUCTURES AND METHODS OF FABRICATING SAME

(51) International classification	:H01L 33/40	(71) Name of Applicant :
(31) Priority Document No	:12/463,709	1)CREE, INC
(32) Priority Date	:11/05/2009	Address of Applicant :4600 SILICON DRIVE, DURHAM, NC 27703, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/024980	1)MATTHEW DONOFRIO
Filing Date	:23/02/2010	2)JAMES IBBETSON
(87) International Publication No	:WO 2010/132139	3)ZHINMIN JAMIE YAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Light emitting diodes include a diode region having first (110a) and second (110b) opposing faces that include therein an n-type layer (112) and a p-type layer (116), an anode contact (130) that ohmically contacts the p-type layer (114) and extends on the first face, and a cathode contact (150) that ohmically contacts the n-type layer (112) and also extends on the first face. The anode contact and/or the cathode contact may further provide a hybrid reflective structure on the first face that is configured to reflect substantially all light that emerges from the first face back into the first face. Related fabrication methods are also described.

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9685/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD TO PRODUCE A HIGHLY CONCENTRATED IMMUNOGLOBULIN PREPARATION FOR SUBCUTANEOUS USE

(51) International classification	:C07K 16/06	(71)Name of Applicant :
(31) Priority Document No	:61/181,606	1)BAXTER INTERNATIONAL INC.
(32) Priority Date	:27/05/2009	Address of Applicant :ONE BAXTER PARKWAY, DEERFIELD, ILLINOIS 60015, U.S.A.
(33) Name of priority country	:U.S.A.	2)BAXTER HEALTHCARE S.A.
(86) International Application No Filing Date	:PCT/US2010/036430 :27/05/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/138736	1)WOLFGANG TESCHNER
(61) Patent of Addition to Application Number	:NA	2)HARALD ARNO BUTTERWECK
Filing Date	:NA	3)AZRA PLJEVLJAKOVIC
(62) Divisional to Application Number	:NA	4)THERESA FRIEDERIKE BAUER
Filing Date	:NA	5)BERNHARD KOELBI

(57) Abstract :

The present invention relates to a new and improved method for preparing a highly concentrated immunoglobulin composition from pooled plasma for subcutaneous injection. A composition comprising 20% or more immunoglobulin suitable for subcutaneous use is also described.

No. of Pages : 70 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9686/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : STEEL FOR NITRIDING AND NITRIDED STEEL COMPONENTS

(51) International classification	:C22C 38/38
(31) Priority Document No	:2009-144422
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060406
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/147224
(61) 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 CORPORATION

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CHIYODAKU, TOKYO 1008071, JAPAN

(72)**Name of Inventor :**

1)TETSUSHI CHIDA

2)TOSHIMI TARUI

3)DAISUKE HIRAKAMI

(57) Abstract :

The present invention lowers the strength before nitriding to improve the machinability, while deepens the effective hardened case of the nitrided case for improving the fatigue strength. It provides steel for nitriding use containing, by mass%, C: 0.05 to 0.30%, Si: 0.003 to 0.50%, Mn: 0.4 to 3.0%, Cr: 0.2 to 0.9%, Al: 0.19 to 0.70%, V: 0.05 to 1.0%, and Mo: 0.05 to 0.50%, having contents of Al and Cr satisfying $0.5\% \leq 1.9A1 + Cr \leq 1.8\%$, and having a balance of Fe and unavoidable impurities.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9604/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR PROVIDING PERSONALIZED MEDICINE TESTS EX VIVO FOR HEMATOLOGICAL NEOPLASMS

(51) International classification

:G01N 33/50

(31) Priority Document No

:61/179,685

(32) Priority Date

:19/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/035474

Filing Date

:19/05/2010

(87) International Publication No

:WO 2010/135468

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)VIVIA BIOTECH S.L.

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- 2)BENNETT, TERESA
- 3)PRIMO, DANIEL
- 4)ORFAO, ALBERTO
- 5)JACKSON, COYT
- 6)LAGO, SANTIAGO
- 7)MATOSES, MARIA
- 8)SUAREZ, LILIA
- 9)SAPIA, SANDRA
- 10)BOSANQUET, ANDREW
- 11)GORROCHATEGUI, JULIAN
- 12)TUDELA, CONSUELO
- 13)HERNANDEZ, PILAR
- 14)CAVEDA, LUIS IGNACIO

(57) Abstract :

Described herein are methods, devices, and compositions for providing personalized medicine tests for hematological neoplasms. In some embodiments, the methods comprise measuring the efficacy of inducing apoptosis selectively in malignant cells using any number of potential alternative combination drug treatments. In some embodiments, the ex vivo testing is measured using a recently extracted patient hematological samples. In other embodiments, the efficacy is measured ex vivo using an automated flow cytometry platform. For example, by using an automated flow cytometry platform, the evaluation of hundreds, or even thousands of drugs and compositions, can be made ex vivo. Thus, alternative polytherapy treatments can be explored. Non-cytotoxic drugs surprisingly induce apoptosis selectively in malignant cells ex vivo. In some embodiments, the methods described herein comprise evaluating non-cytotoxic drugs.

(μ M)	Fludarabine	Cyclophosphamide	Mitoxantrone
1	1	30	1
2	0.93	10	0.33
3	0.11	3.33	0.11
4	0.037	1.11	0.037

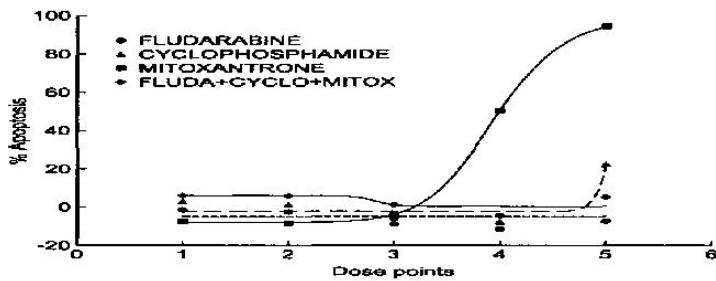


FIG. 24

No. of Pages : 134 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9605/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMPROVED LUER LOCK ADAPTOR

(51) International classification	:A61M 5/34
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/006092
Filing Date	:03/06/2009
(87) International Publication No	:WO 2010/140019
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BECTON DICKINSON FRANCE

Address of Applicant :RUE ARISTIDE BERGES 38800 LE
PONT DE CLAIX FRANCE

(72)Name of Inventor :

1)MERMET, EMERIC

(57) Abstract :

The invention relates to an adaptor (1) for connecting a connector to a drug delivery device (100) comprising at least a container (101) for a product, said container (101) comprising a distal tip (102) and an axial passageway (103) defined through said distal tip (102), said adaptor (1) having a longitudinal axis A and being intended to be mounted on said distal tip (102), said adaptor (1) including a first part (10) and a second part (20), said first part (10) being provided with unreleasable attaching means (11) able to fix said first part (10) to said distal tip (102), said second part (20) being provided with connecting means (21) able to connect said second part (20) to said connector, said adaptor (1) further including securing means (30) able to anchor said first part (10) to said second part (20). The invention also relates to a drug delivery device (100) comprising one adaptor (1) as described above and to a method for mounting such adaptor (1).

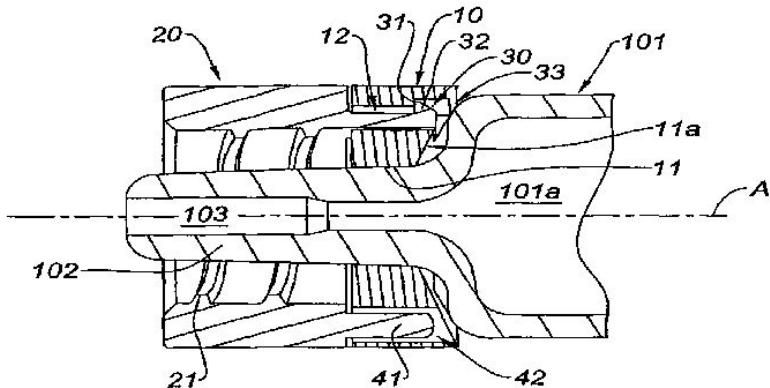


Fig. 2

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9606/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A CATHETER LOCKING SOLUTION HAVING ANTIMICROBIAL AND ANTICOAGULATION PROPERTIES

(51) International classification	:A61L 29/06
(31) Priority Document No	:61/186,173
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038127
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/144674
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BECTON, DICKINSON AND COMPANY

Address of Applicant :1 BECTON DRIVE FRANKLIN LAKES, NEW JERSEY 07417 U.S.A.

(72)Name of Inventor :

1)KELLY, JOHN, J., III

2)VALDES, THELMA, I.

(57) Abstract :

The present invention includes a catheter locking solution having both antimicrobial and anticoagulant properties including a local anesthetic and a viscosifying agent. The local anesthetic of the present invention may be an amino amide; an amino ester; an aminoacylanilide; an aminoalkyl benzoate; an amino carbonate; an N-phenylamidine compound; an N-aminoalkyl amid; an aminoketone, or combinations and mixtures thereof. In a particular embodiment of the present invention, the local anesthetic is tetracaine or dibucaine.

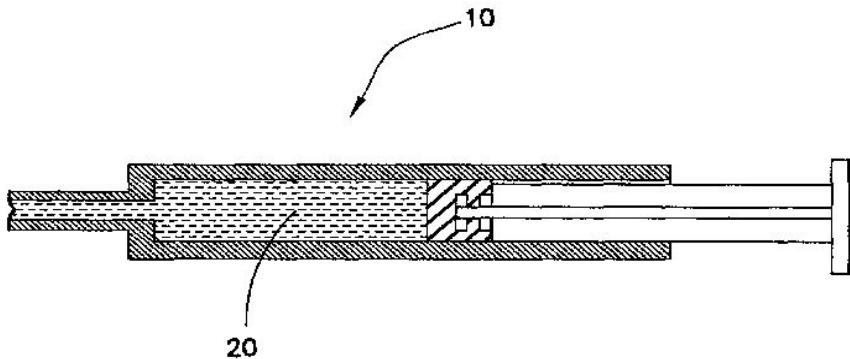


FIG.5

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9608/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DATABASE, MANAGEMENT SERVER, AND MANAGEMENT PROGRAM

(51) International classification	:G06F 17/30
(31) Priority Document No	:2010-119643
(32) Priority Date	:25/05/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/002350
Filing Date	:22/04/2011
(87) International Publication No	:WO 2011/148565
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IPS CO. LTD.

Address of Applicant :20F, KOBE HARBORLAND CENTER
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KOBE-SHI, HYOGO 650-0044, JAPAN

(72)Name of Inventor :

1)AKITA TOSHFUMI

(57) Abstract :

[Problems] It is allowed to make a variety of inquiries into reports at a low cost without requiring a complex report program. [Means for solving the Problems] A DWH server DB 310 includes: a slip description data DB 100 for storing slip description data that are slip data generated for every business unit in a business process and slip description data created from the slip data; an index data DB 101 for storing index data that are data utilized for retrieval of the slip description data, in which the content of a common item suitable for grasp of a business process, the content of a key item to which slip description specifying information capable of uniquely specifying a slip description is set up and the content of a slip description identification information item to which slip description identification information capable of specifying the slip description related to the slip description is set up are associated with each other in the slip description data units, and are associated with each other in the same item of each of the slip description data; and a slip description creating information DB 102 for storing slip description creating information in which a creation slip description type is associated with a usage slip description type.

No. of Pages : 61 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9674/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUBSTANCE MIXING APPARATUS AND SUBSTANCE MIXING METHOD

(51) International classification	:B01F 5/20
(31) Priority Document No	:2009-143081
(32) Priority Date	:16/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003594
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/146778
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SONY CORPORATION

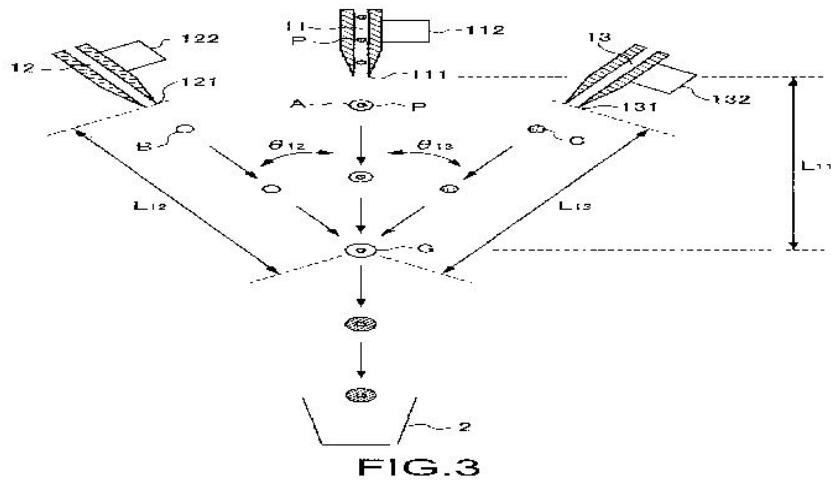
Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 108-0075, JAPAN

(72)Name of Inventor :

1)MASATAKA SHINODA

(57) Abstract :

To provide a substance mixing apparatus that is capable of uniformly mixing a certain amount of trace substances and also mixing minute particles. [Solving Means] Provided is a substance mixing apparatus including: two or more flow paths (11, 12, 13) in which orifices (111, 121, 131), from which a fluid that flows therethrough is externally discharged, are formed; oscillation devices (112, 122, 132) that form droplets of the fluid discharged from each of the orifices (111, 121, 131) by oscillating at least the orifice (111, 121, 131) part of the flow paths at a predetermined oscillation frequency and discharge the droplets; and means for causing the droplets (A, B, C) discharged from the orifices (111, 121, 131) of the flow paths (11, 12, 13) to collide with one another. [Selected Drawing] FIG. 3



No. of Pages : 78 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9676/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION

		<p>(71)Name of Applicant : 1)GILEAD SCIENCES, INC. Address of Applicant :333 LAKESIDE DRIVE, FOSTER CITY, CALIFORNIA 94404, U.S.A.</p>
(51) International classification	:C07D 213/55	
(31) Priority Document No	:61/178,551	
(32) Priority Date	:15/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/CA2010/000707 :13/05/2010	
(87) International Publication No	:WO 2010/130034	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(72)Name of Inventor :
1)CHRISTIANE YOAKIM
2)MURRAY D. BAILEY
3)FRANCOIS BILODEAU
4)REBEKAH J. CARSON
5)LEE FADER
6)STEPHEN KAWAI
7)STEVEN LAPLANTE
8)BRUNO SIMONEAU
9)SIMON SURPRENANT
10)CARL THIBEAULT
11)YOULA TSANTRIZOS
12)SEBASTIEN MORIN

(57) Abstract :

Compounds of formula I wherein a, R1, R2, R3, R4, R5 and R6 are defined herein, are useful as inhibitors of HIV replication.

No. of Pages : 191 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9690/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SYNTHETIC GRAFT

(51) International classification	:C12N 5/79
(31) Priority Document No	:0908927.7
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001024
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/133853
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSITY OF READING

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WHITEKNIGHTS, READING, BERKSHIRE RG6 6AH, U.K.

(72)Name of Inventor :

1)CONNON, CHE

(57) Abstract :

The present invention relates to the use of a plastically-compacted collagen gel as a substrate for the growth of corneal cells, particularly limbal corneal epithelial stem cells. Cells grown on such a substrate can be cultured to produce artificial ocular epithelia which can be used in ocular toxicity testing or for transplantation. Figure 23B

Figure 23B



No. of Pages : 55 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9693/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TRAVELING CRANE HAVING TRAVELER AND HOISTING WINCH.

(51) International classification	:B66D 1/39
(31) Priority Document No	:10 2009 036 356.4
(32) Priority Date	:06/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/060923
Filing Date	:27/07/2010
(87) International Publication No	:WO 2011/015496
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DEMAG CRANES & COMPONENTS GMBH

Address of Applicant :RUHRSTR. 28, 58300 WETTER,
GERMANY

(72)Name of Inventor :

1)STEFAN NOLL

(57) Abstract :

The invention relates to a traveling crane having a longitudinal beam displaceable on rails, along which a traveler having a hoisting winch comprising a cable drum is displaceable in a transverse direction, by means of which a cable reeved through at least one lower block can be wound up and down, wherein the hoisting winch (10) is displaceable relative to the traveler (7) toward the longitudinal beam (3) in a hoisting winch travel direction (S), such that a cable run out point (20) of the cable (11) that shifts along the cable drum (21) remains in one location relative to the longitudinal extent of the cable drum (21). In order to provide a traveling crane having a longitudinal beam displaceable on rails and comprising an improved construction, the invention proposes that the winching hoist (10) is displaceable transversely to the longitudinal beam (3), that two hoisting winches (10) are provided, the cable drums (21) thereof being disposed parallel to and spaced from each other, that a common cable (11) can be wound up and down by the two cable drums (21), and that the two cable drums (21) comprise cable grooves running in opposite directions (24) and the two cable drums (21) can be operated in the opposite direction of rotation for lifting and lowering a load.

No. of Pages : 17 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9694/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING PENTAFLUOROPROPANE

(51) International classification	:C07C 17/354
(31) Priority Document No	:0953937
(32) Priority Date	:12/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050866
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/142878
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARKEMA FRANCE

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(72)Name of Inventor :

1)DEVIC, MICHEL

2)DOUCET, NICOLAS

3)WENDLINGER, LAURENT

4)CAVALLINI, GERALDINE

(57) Abstract :

The present invention relates to a method for producing 1,2,3,3,3-pentafluoropropane, involving reacting gaseous phase 1,2,3,3,3-pentafluoropropene with hydrogen in a superstoichiometric amount in the presence of a hydrogenation catalyst in a reactor, and recirculating a part of the gaseous effluent from the reactor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.9609/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NOVEL HERBICIDES

(51) International classification	:C07C 49/753
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/003508
Filing Date	:16/05/2009
(87) International Publication No	:WO 2010/133232
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SYNGENTA LIMITED

Address of Applicant :EUROPEAN REGIONAL CENTRE,
PRIESTLEY ROAD, SURREY RESEARCH PARK,
GUILDFORD, SURREY GU2 7YH, GREAT BRITAIN U.K.

(72)Name of Inventor :

1)MATHEWS CHRISTOPHER JOHN

2)ROBINSON LOUISA

3)JEANMART STEPHANE ANDRE MARIE

(57) Abstract :

Compounds of formula (I), wherein the substituents are as defined in claim 1, are suitable for use as herbicides.

No. of Pages : 119 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9700/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE AND METHOD FOR PROVIDING ADDITIONAL HEAD TO SUPPORT A
REFRIGERATION LIQUID FEED SYSTEM

(51) International classification	:F25B 41/00	(71) Name of Applicant :
(31) Priority Document No	:0900890-5	1)JOHN BEAN TECHNOLOGIES AB
(32) Priority Date	:29/06/2009	Address of Applicant :BOX 913, 251 09 HELSINGBORG, SWEDEN
(33) Name of priority country	:Sweden	(72) Name of Inventor :
(86) International Application No	:PCT/SE2010/050724	1)OHLSSON, HAKAN
Filing Date	:24/06/2010	2)ERIKSSON, MANNE
(87) International Publication No	:WO 2011/002402	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure relates to a refrigerant device and a method for providing additional head to support a refrigeration liquid feed system. The refrigerating device comprises a refrigerant liquid container (2), a sinking conduit(4) and a rising conduit (6), the sinking conduit (4) extending downwardly to a connection with the rising conduit(6), the rising conduit (6) extending upwardly from the connection with the sinking conduit (4). The refrigerating device further comprises an evaporator(8) having an inlet (12) connected downstream to the rising conduit (6) and an outlet (14) connected to the refrigerant liquid container (2) via a return conduit (10), and a gas injector (16) connected to the rising conduit (6), adapted to supply gas in order to allow gas to rise together with liquid refrigerant in the rising conduit (6) thereby reducing the total density of the mixture of liquid refrigerant and gas relative the density of liquid refrigerant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9701/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONTROLLING ACCESS TO SOFTWARE COMPONENT STATE

(51) International classification	:G06F 9/44
(31) Priority Document No	:12/483,465
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038349
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/144828
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

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REDMOND, WASHINGTON 98052-6399, U.S.A.

(72)Name of Inventor :

1)RUSSELL, CHRISTOPHER D.

2)TRAUT, ERIC P.

3)PUDIPEDDI, RAVISANKAR

4)STRITZEL, ADAM D.

5)SINHA, SUYASH

(57) Abstract :

A request is received from a software component of a software product to access a value of a public setting of the software component. A check is made as to whether the request conforms to an appropriate format for the public setting. If the request conforms to the appropriate format, then the requested access is performed. However, if the request does not conform to the appropriate format, then the requested access is denied. Multiple values for the public setting can be received and maintained concurrently.

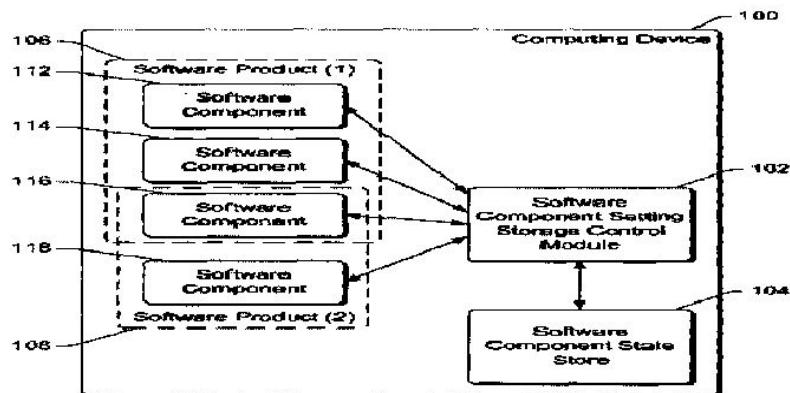


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9704/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANTI NOTCH-1 ANTIBODIES

(51) International classification	:C07K 16/28
(31) Priority Document No	:61/218,193
(32) Priority Date	:18/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052711
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/146550
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PFIZER INC.

Address of Applicant :235 EAST 42ND STREET, NEW YORK, NEW YORK 10017 U.S.A.

(72)Name of Inventor :

1)HOSTOMSKY, ZDENEK

2)LI, KANG

3)LIPPINCOTT, JOHN, ANDREW

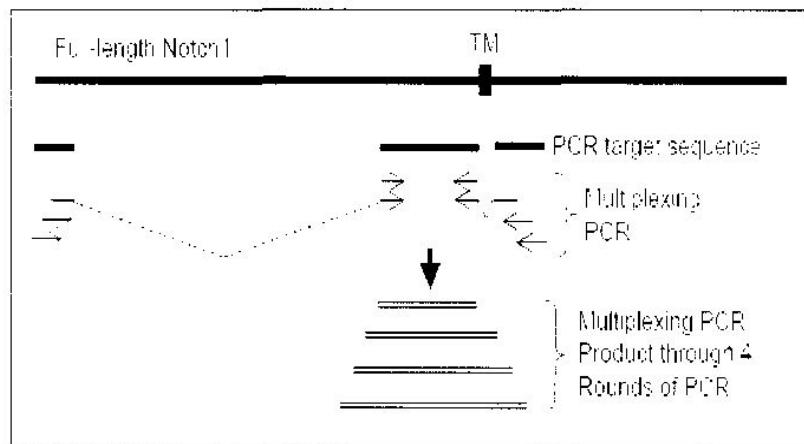
4)PENG, QINGHAI

5)STONE, DONNA, MARIE

6)WEI, PING

(57) Abstract :

This invention is directed toward monoclonal antibodies that bind specifically to Notch 1. In one embodiment, the antibodies binds to at least a first epitope and a second epitope, wherein the first epitope resides with the LinA domain of the Notchl negative regulatory region (NRR). and the second epitope resides within the HD-C domain of the Notehl NRR.



No. of Pages : 86 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9707/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR REMOVING CO₂ FROM A SMOKE OR EXHAUST GAS OF A COMBUSTION PROCESS

(51) International classification	:B01D 53/85
(31) Priority Document No	:10 2009 030 712.5
(32) Priority Date	:26/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059122
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/006750
(61) 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 MUNCHEN, GERMANY

(72)Name of Inventor :

1)HADER; DONAT-PETER

2)RUHRIG; MANFRED

(57) Abstract :

The invention relates to the removal of CO₂from the smoke or exhaust gas (20) of a combustion process in a power plant (1). The exhaust gases comprising CO₂ are fed into a tank (30) in which cellular organisms (40), such as micro algae, are present, converting the CO₂ into biomass (10) when nutrients (N) are added. The micro algae and/or the generated biomass have magnetic particles (60) added, which combines with the algae and/or the biomass. The biomass having the magnetic particles is separated in a magnetic separation stage (120) or magnetic drum separator FIG: 2A

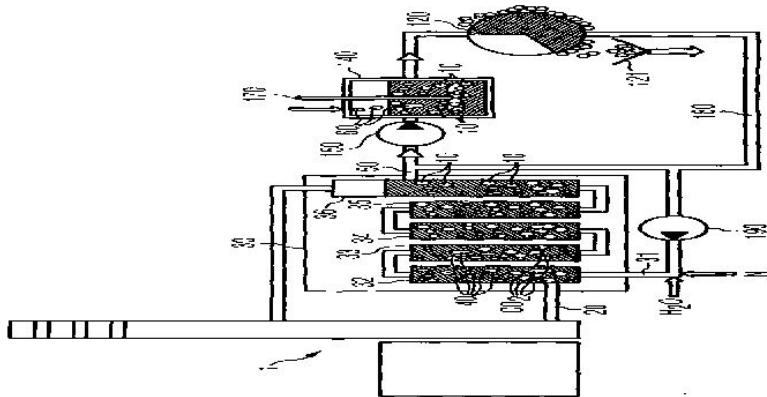


Fig: 2A

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9708/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONNECTION DEVICE FOR A COIL OF AN ELECTROMAGNETIC SWITCHING DEVICE

(51) International classification	:H01H 1/58
(31) Priority Document No	:10 2009 035 549.9
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059195
Filing Date	:29/06/2010
(87) International Publication No	:WO 2011/012391
(61) 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
MUNCHEN, GERMANY

(72)Name of Inventor :

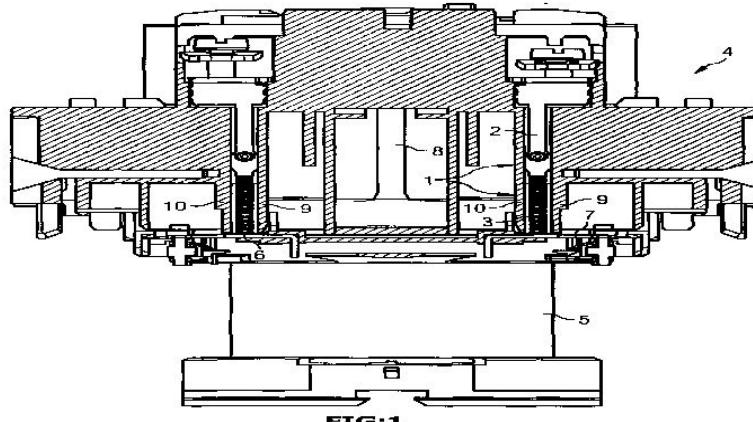
1)KEINTZEL; ALEXANDER

2)SCHLEGL; PETER

3)WEINHOLD; ROLF

(57) Abstract :

The invention relates to a connection device for a coil (5) of an electromagnetic switching device having a switching region comprising contacts and a driving region comprising an anchor, a coil and a yoke, the contacts of the switching region being operatively connected to the driving region. The invention is characterized in that the contacting between the driving region and the coil (5) is established via a form-flexible connection element (3). Fig: 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9695/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING HEXAFLUOROPROPANE

(51) International classification	:C07C 17/354
(31) Priority Document No	:0953941
(32) Priority Date	:12/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050859
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/142877
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARKEMA FRANCE

Address of Applicant :420, RUE D' ESTIENNE D' ORVES,
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(72)Name of Inventor :

1)DEVIC, MICHEL

2)DOUCET, NICOLAS

3)WENDLINGER, LAURENT

4)CAVALLINI, GERALDINE

(57) Abstract :

The present invention relates to a method for producing 1,1,1,2,3,3-hexafluoropropane, involving reacting gaseous phase hexafluoropropene with hydrogen in a superstoichiometric amount in the presence of a hydrogenation catalyst in a reactor, and recirculating a part of the gaseous effluent from the reactor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9696/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NOZZLE AND SYSTEM FOR INJECTING THERMOPLASTIC MATERIAL.

(51) International classification	:B29C 45/27
(31) Priority Document No	:0954065
(32) Priority Date	:17/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/058556
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/146124
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RUNIPSYS EUROPE

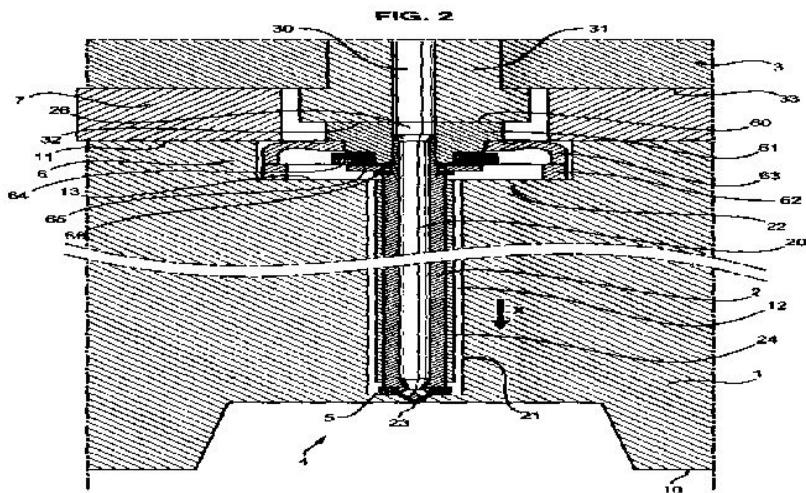
Address of Applicant :RUE SOMMEILLER, PARC D'
ACTIVITES SAVOIE HEXAPOLE, F-73420 MERY, FRANCE

(72)Name of Inventor :

1)DERICHE, ERIC

(57) Abstract :

The present invention relates to a nozzle for injecting thermoplastic material in fluid state including two portions sliding relative to one another in a sealing fashion, the first portion including a nozzle body (2) having, in a longitudinal injection direction (X), a longitudinal channel (20) for the thermoplastic material to pass therethrough, the second portion including a linking ring (61) having a passage (26) in which the nozzle body can slide in a scaling fashion, and a resilient load means (6) engaging with the two portions such as to apply a load to the nozzle body (2) in the forward longitudinal direction (X) and the linking ring (61) in the backward longitudinal direction (X).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9698/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANALYSIS OF OVA OR EMBRYOS WITH DIGITAL HOLOGRAPHIC IMAGING

(51) International classification	:G01N 21/45
(31) Priority Document No	:0950491-1
(32) Priority Date	:25/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050726
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/151221
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PHASE HOLOGRAPHIC IMAGING PHI AB

Address of Applicant :SCHEELEVAGEN 22, 223 63 LUND,
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(72)Name of Inventor :

1)SEBESTA, MIKAEL

2)PERSSON, JOHAN

3)GISELSSON, LENNART

4)MOLDER, ANNA

5)LANGBERG, ANDERS

(57) Abstract :

Method for analyzing a sample comprising at least one ovum or embryo, the method being based on digital holographic imaging, the method comprising the following steps: creating at least one object beam and at least one reference beam of light, where said at least one object beam and said at least one reference beam are mutually coherent; exposing said sample to said at least one object beam; superimposing said at least one object beam that has passed through said sample with said at least one reference beam and thereby creating an interference pattern; detecting said interference pattern, called hologram; reconstructing phase and/or amplitude information of object wavefront from said interference pattern; and constructing at least one ovum or embryo analysis image and determining at least one ovum or embryo quality showing parameter from said phase and/or amplitude information.

No. of Pages : 34 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9699/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SILICA-BASED PARTICLE COMPOSITION

(51) International classification	:C01B 33/141
(31) Priority Document No	:12/495,080
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040132
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/008484
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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AMERICA

(72)Name of Inventor :

1)KEISER BRUCE A.

2)KEIZER, TIMOTHY S.

3)ADAIR, JAMES H.

(57) Abstract :

The present invention relates to a method for forming a silica-based particle or composite consisting of a silica-based material, an active, with or without a surface modification, and the related composition. The silica-based particle is illustrated by the formula (SiO₂)_x(OH)_yRzSt, whereby R is an active or actives such as an organic or inorganic molecule that includes markers, amines, thiols, epoxies, organosilicones, organosilanes, and water soluble agents and, optionally, a surface modifier, S, which may be either organic, polymeric, or inorganic. Examples of a surface modifying material are inorganic salts of aluminum and boron or organic materials such as organosilanes or low molecular weight polymers. As such, the particle can be used in a variety of applications including any of a variety of high temperature, at acidic, neutral, or basic pH, or pressure environments. The composites have applications as diverse as papermaking, water treatment, chemical tracing, personal care, microbiological control, and delivery of polymers, for example. With regard to papermaking, the particle provides retention and drainage performance while delivering whitener, or OBA, other functional additives and serves an additive tracker.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9688/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BANG-BANG CONTROLLER AND CONTROL METHOD FOR VARIABLE SPEED WIND TURBINES DURING ABNORMAL FREQUENCY CONDITIONS

(51) International classification	:H02P 9/00	(71) Name of Applicant :
(31) Priority Document No	:12/502,295	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:14/07/2009	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:U.S.A.	MUNICH, GERMANY
(86) International Application No	:PCT/US2010/041453	(72) Name of Inventor :
Filing Date	:09/07/2010	1)ROBERT J. NELSON
(87) International Publication No	:WO 2011/008637	2)JOHN D. AMOS
(61) Patent of Addition to Application Number	:NA	3)HONGTAO MA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wind farm (10) may include a plurality of variable speed wind turbines (12,14, 16). A centralized controller (50) may be configured to selectively adjust a respective electrical output power from each of the wind turbines at least during an underfrequency condition. The controller may include a monitor (52) configured to monitor a grid frequency value relative to at least a first threshold value. A deviation of the grid frequency value beyond the first threshold value is indicative of the underfrequency condition. The controller further includes a control unit (54) configured to effect a step response to the electrical output power of the wind turbine in a direction selected to counteract the underfrequency condition.

No. of Pages : 18 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9689/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PERHEXILINE FOR USE IN THE TREATMENT OF HYPERTROPHIC CARDIOMYOPATHY (HCM)

(51) International classification	:A61K 31/445
(31) Priority Document No	:0908193.6
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050770
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/131033
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HEART METABOLICS LIMITED

Address of Applicant :46 NORTHGATE, PRINCE ALBERT ROAD, LONDON GREATER LONDON NW8 7EG, U.K.

(72)Name of Inventor :

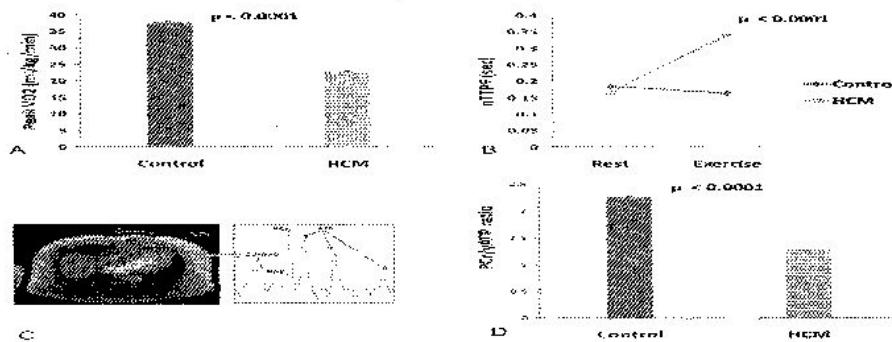
1)ASHRAFIAN, HOUMAN

2)FRENNEAUZ, MICHAEL PAUL

(57) Abstract :

The invention relates to perhexiline, or a pharmaceutically acceptable salt thereof, for use in the treatment of hypertrophic cardiomyopathy, as well as to a method of treating HCM, which comprises administering to an animal in need thereof an effective amount of perhexiline, or a pharmaceutically acceptable salt thereof, to treat said HCM. The invention further relates to a treatment programme for treating HCM, which involves the co-use or co-administration of perhexiline with one or more other compounds that are advantageous in treating HCM or the symptoms thereof. [FIG. 2]

Figure 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9732/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PRODUCING AN IRRIGATION PIPE

(51) International classification	:B05B 15/00
(31) Priority Document No	:200148
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2010/000591
Filing Date	:25/07/2010
(87) International Publication No	:WO 2010/013119
(61) Patent of Addition 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 :C/O MOPLINE MACHSHEVET LTD., 19105 MOSHAV MERCHAVIA Israel

(72)Name of Inventor :

1)YIFLACH, EREZ

(57) Abstract :

An apparatus enables forming extruded plastic material into a strip that may be formed into an irrigation pipe. The apparatus includes a pair of juxtaposed rollers which when rotated, the linear velocity of a contact surface of one of the rollers of the pair is different from the linear velocity of a contact surface of the other roller of the pair. Thus, extruded material that passes between the rollers is concurrently stretched and flattened. Fig. 1B

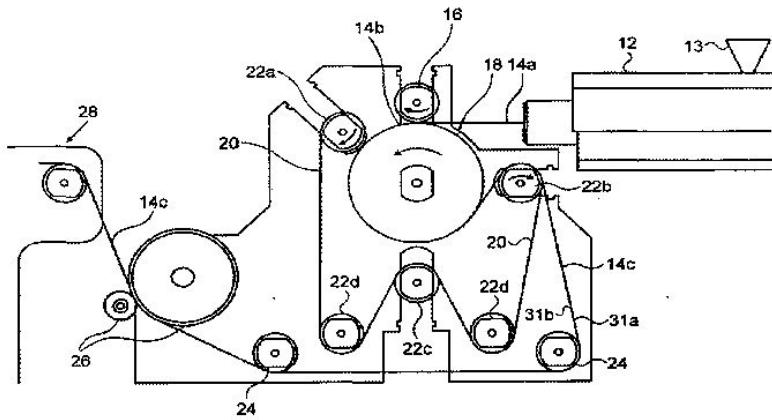


Fig. 1B

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9733/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LASER BASED DISPLAY METHOD AND SYSTEM

(51) International classification	:G03B 21/14
(31) Priority Document No	:61/182,105
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036739
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138923
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JAMES W. RARING

2)PAUL RUDY

(57) Abstract :

The present invention is directed to display technologies. More specifically, various embodiments of the present invention provide projection display systems where one or more laser diodes are used as light source for illustrating images. In one set of embodiments, the present invention provides projector systems that utilize blue and/or green laser fabricated using gallium nitride containing material. In another set of embodiments, the present invention provides projection systems having digital lighting processing engines illuminated by blue and/or green laser devices. In one embodiment, the present invention provides a 3D display system. There are other embodiments as well.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9744/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DRY DECELERATOR FOR APPLES OR LIKE OBJECTS

(51) International classification	:B65G 11/00
(31) Priority Document No	:61/187,102
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/0038533
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/147903
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KUNZLER, ALEX, E.

2)BRYAN, JR., VINCENT, E.

3)VINCENT, E. BRYAN III

4)KUNZLER, PETE

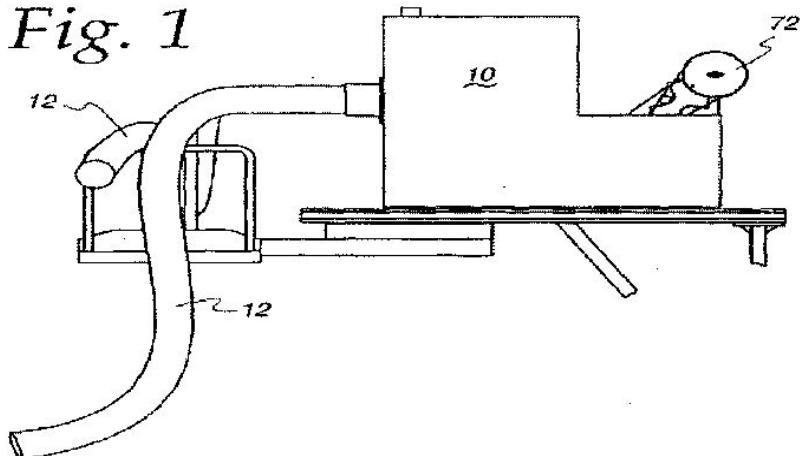
5)ALLARD, RANDY

6)BAKER, DANIEL, R.

(57) Abstract :

A decelerator device for apples or the like is disclosed. The apples are delivered to the decelerator device by a tube which can be provided with either a positive pressure upstream of the transported objects or a downstream of the transporter device. In one embodiment of the invention, the decelerator is provided with an area of reduced pressure in communication with the distal end of the transport tube. A receiving device such as a plurality of inter-engaged wheels receives the apples of other objects in the area of reduced pressure. The wheels or conveyors receive objects between opposed sealing surfaces, reduce the traveling speed of the object, and transport the object to an area of ambient pressure. The sealing surfaces are disengaged from the transported objects in the area of ambient pressure, and the objects are delivered to a transport path, dry bin, or other desired structure. In another embodiment of the invention, a counter flow of air reduces the speed of the object traveling along the tube.

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9710/DELNP/2011 A

(43) Publication Date : 25/01/2013

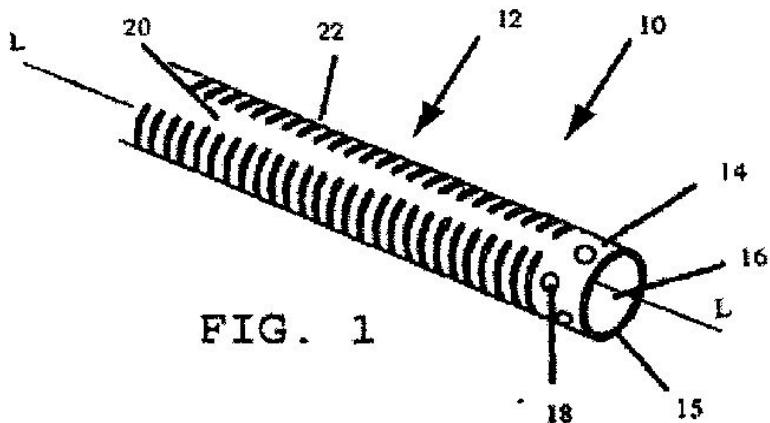
(54) Title of the invention : STEERABLE MEDICAL DELIVERY DEVICES AND METHODS OF USE

(51) International classification :A61M 25/01
(31) Priority Document No :61/220,160
(32) Priority Date :24/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039865
 Filing Date :24/06/2010
(87) International Publication No :WO 2010/151698
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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CAMPBELL, CA 95008 U.S.A.

(72)Name of Inventor :
1)SALAHIEH, AMR
2)LEPAK, JONAH
3)LEUNG, EMMA
4)SAUL, TOM
5)DUPERI, JEAN-PIERRE

(57) Abstract :
Steerable medical delivery devices and their methods of use. Fig. 1



No. of Pages : 47 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9712/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PHASE-CONTROLLED NON-ZERO-CROSS PHOTOTRIAC WITH ISOLATED FEEDBACK

(51) International classification	:H02M 1/08
(31) Priority Document No	:12/480,392
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037770
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/144445
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VISHAY INFRARED COMPONENTS, INC.

Address of Applicant :2201 LAURELWOOD ROAD,
SANTA CLARA, CALIFORNIA 95054, U.S.A.

(72)Name of Inventor :

1)QIU, WEIGUANG

2)GEE, ROBERT

(57) Abstract :

An electronic component for providing optical isolation an electronic component package, a phototriac disposed within the electronic component package for providing the optical isolation, and a reverse zero-cross feedback channel integrated into the electronic component package to thereby provide zero-cross detection. The electronic component may be in a circuit which includes a phase control circuit. A method of driving an AC load and providing zero-cross detection using a single electronic component includes providing an electronic component having an electronic component package, a phototriac disposed within the electronic component package, and a reverse zero-cross feedback channel integrated into the electronic component package to thereby provide for zero-cross detection. The method further includes placing the electronic component within a circuit.

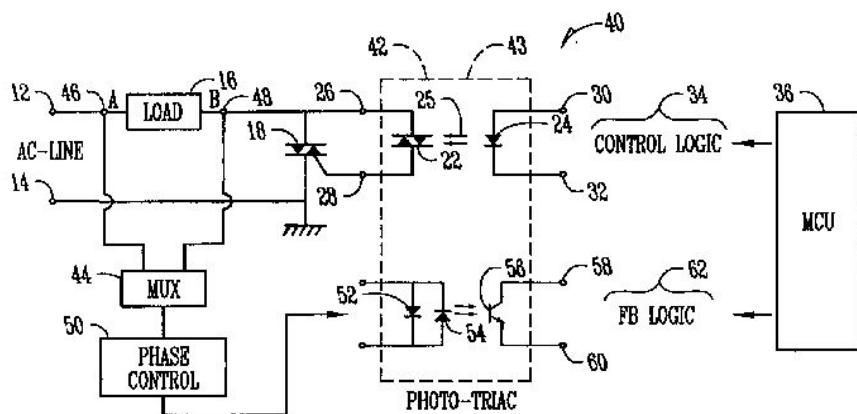


Fig.2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9713/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BATTERY THERMAL MANAGEMENT SYSTEM

(51) International classification	:H01M 2/10
(31) Priority Document No	:61/179,326
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035321
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/135371
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BELL, LON, E.

2)LAGRANDEUR, JOHN

3)DAVIS, STEPHEN

(57) Abstract :

A battery thermal management system includes at least one battery, a plurality of thermoelectric assemblies in thermal communication with the at least one battery, each thermoelectric assembly comprising a plurality of thermoelectric elements, wherein a first thermoelectric assembly of the plurality of thermoelectric assemblies is in electrical communication with a second thermoelectric assembly of the plurality of thermoelectric assemblies; and a circuit in electrical communication with the first thermoelectric assembly and the second thermoelectric assembly, the circuit configured to be selectively switchable to place the first thermoelectric assembly and the second thermoelectric assembly either in series electrical communication or parallel electrical communication with one another.

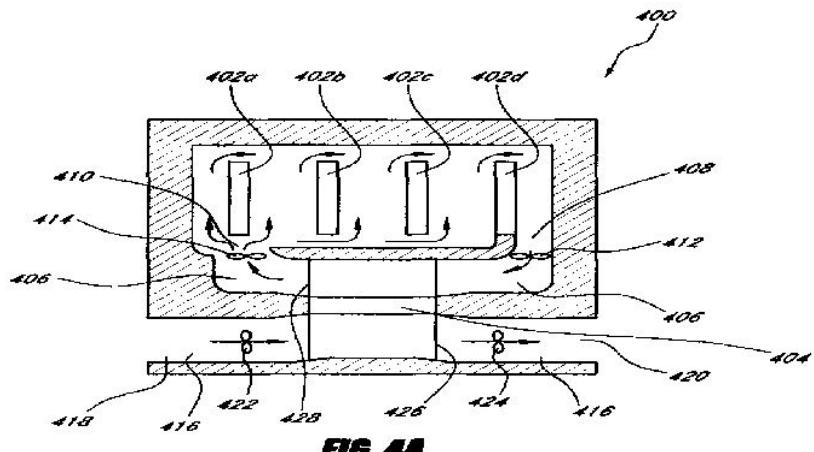


FIG. 4A

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9715/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONCRETE FORMING PANEL

(51) International classification	:E04G 9/02
(31) Priority Document No	:2,668,598
(32) Priority Date	:11/06/2009
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2010/000860
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/142023
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALUMA SYSTEMS INC.

Address of Applicant :1811-66 AVENUE, EDMONTON,
ALBERTA T6P 1M5, CANADA

(72)Name of Inventor :

1)AU CLARENCE PANG

(57) Abstract :

Concrete forming panels according to the present invention are formed using a series of interlocking panel sections mechanically connected at a forward face of the panel. The mechanical connection uses a hook portion of one section received in a slot portion of an adjacent section with a pivot and stop relation defining the planar forming face. A series of brace members extend across the panel sections on a rear surface and maintain engagement of the panel sections and reinforce the panel sections against deformation of the forming face during use of the panel. The arrangement is economical to manufacture in many different sizes as may be required by a customer. Some welding is used, however the mechanical connection greatly reduces the amount of welding required. Replacement sections can easily be used to repair damaged panels.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9716/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EMERGENCY LIGHTING FOR AN ELEVATOR CAB

(51) International classification	:B66B 11/02	(71) Name of Applicant :
(31) Priority Document No	:PCT/IB2009/053238	1)OTIS ELEVATOR COMPANY
(32) Priority Date	:29/06/2009	Address of Applicant :TEN FARM SPRINGS, FARMINGTON, CONNECTICUT 06032, U.S.A.
(33) Name of priority country	:PCT	(72) Name of Inventor :
(86) International Application No	:PCT/IB2009/053238	1)BEIGNET BRUNO
Filing Date	:29/06/2009	
(87) International Publication No	:WO 2010/001227	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An exemplary elevator lighting device includes a display panel that is activated during elevator operation to provide a display of selected information. A backlight portion illuminates the display panel during elevator operation to make the selected information visible on the display panel. The backlight portion receives power from a primary power source during elevator operation. The backlight portion receives power from a backup power source when power from the primary power source is discontinued. The backlight portion illuminates the display panel during the power loss condition to provide light in a vicinity of the device such as within an elevator cab.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9719/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CHARACTERIZING UNREGISTERED DOMAIN NAMES

(51) International classification	:G06F 17/30
(31) Priority Document No	:12/489,381
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039079
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/151483
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)VERISIGN, INC.

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(72)**Name of Inventor :**

1)COLOSI, JOHN

(57) Abstract :

Methods and apparatus for characterizing unregistered domain names are provided. One embodiment includes obtaining a list of a plurality of resolution requests for the unregistered domain names, determining a number of occurrences of each of the unregistered domain names, computing a plurality of groupings based on the number of occurrences, and associating a score with each of the unregistered domain names.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9720/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LOOP SEAL FOR RECYCLING SOLIDS FROM A CYCLONE AND FLUIDIZED BED REACTOR AND METHOD USING THE SAME

(51) International classification	:F23J 1/00	(71) Name of Applicant :
(31) Priority Document No	:61/184,320	1)SYNTHESIS ENERGY SYSTEMS INC.
(32) Priority Date	:05/06/2009	Address of Applicant :THREE RIVERWAY, SUITE 300, HOUSTON, TEXAS 77056, U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/037558	(72) Name of Inventor :
Filing Date	:05/06/2010	1)LIU GUOHAI
(87) International Publication No	:WO 2010/141930	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A loop seal for a fluidized bed reactor comprising a vertical downcomer segment connected to a dipleg for receiving solids particles from the dipleg, a horizontal segment downstream of the downcomer, a riser segment downstream of the horizontal segment, and a downwardly inclined segment downstream of the riser, whereby the solids are entrained to the fluidized bed reactor. An eductor is added to the angled leg to induce the underflow gas from the cyclone; one of the preferred motive fluids to the eductor is the fines from fuel preparation and the carrying gas for the fines. Also provided are a fluidized bed reactor comprising the loop seal, and a method for producing syngas from coal and steam using the same.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9721/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CATHETER TIP POSITIONING METHOD

(51) International classification	:A61B 5/02
(31) Priority Document No	:61/213,474
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038555
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/144922
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BARD ACCESS SYSTEMS INC.

Address of Applicant :605 NORTH 5600 WEST SALT LAKE CITY, UT 84116, U.S.A.

(72)Name of Inventor :

1)GRUNWALD SORIN

(57) Abstract :

A computer-based method for positioning an endovascular device in or near the heart using electrocardiogram (ECG) signals is provided. The computer-based method includes receiving an endovascular ECG signal associated with an endovascular device, processing the endovascular ECG signal, over a plurality of predetermined time periods, to calculate a P-wave amplitude and a spectral power for each predetermined time period, determining a maximum P-wave amplitude from the plurality of P-wave amplitudes, and an associated maximum spectral power from the plurality of spectral powers, associating the maximum P-wave amplitude and the maximum spectral power with a predetermined location in or near the heart, calculating a location of the endovascular device, for each predetermined time period, based on a ratio of the P-wave amplitude to the maximum P-wave amplitude and a ratio of the spectral power to the maximum spectral power, and displaying the location of the endovascular device to a user.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9723/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NOVEL APPLICATIONS OF HIP/PAP OR DERIVATIVES THEREOF

(51) International classification	:A61K 38/00
(31) Priority Document No	:09290437.4
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/058270
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/142800
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALFACT INNOVATION

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1)JAMILA FAIVRE

2)PIERRE GRESSENS

3)GILLES AMOUYAL

4)PAUL AMOUYAL

5)CHRISTIAN BRECHOT

6)ELODIE ROUGIER

(57) Abstract :

The invention consists of the use of the HIP/PAP protein or a protein derivative thereof for use for manufacturing a medicament for preventing or treating a disease selected from the group consisting of - a neonatal brain injury, which includes a neonatal brain injury caused by a brain hypoxia, - an adult or child brain injury, which includes an adult or child brain injury caused by a brain hypoxia, - an adult or child or neonatal traumatic brain injury, - a cerebellar disease or disorder, and - a disease involving a defect in the production or in the phosphorylation of Gap-43.

No. of Pages : 49 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9724/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POROUS POLYMERIC SEPARATION MATERIAL

(51) International classification	:B01J 20/26
(31) Priority Document No	:0900673-5
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050536
Filing Date	:18/05/2009
(87) International Publication No	:WO 2010/134877
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BIOTAGE AB

Address of Applicant :KUNGSGATAN 76, SE-753 18
UPPSALA, SWEDEN

(72)Name of Inventor :

1)STIG JONSSON

2)ECEVIT YILMAZ

3)SANJA KRONAUER

(57) Abstract :

The present invention relates to a mesoporous polymeric separation material comprising one or more functional groups bound to metal ions from Cu, Zn, Ag, or Pd. Methods of producing the material, as well as methods for its preparation, and use of said material in separation of pesticides from food or feed products is disclosed.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9748/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUBSTITUTED QUINAZOLINES AS FUNGICIDES

(51) International classification	:C07D 401/04
(31) Priority Document No	:1102/DEL/2009
(32) Priority Date	:29/05/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/EP2010/057220
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136475
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)QUARANTA LAURA

2)LAMBERTH CLEMENS

3)LEFRANC DAVID GUILLAUME CLAUDE FRANCOIS

4)UMARYE JAYANT

5)RENOLD PETER

6)EDMUND S ANDREW

7)POULIOT MARTIN

(57) Abstract :

The present invention relates to a compound of formula (I) wherein wherein the substituents have the definitions as defined in claim for 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 : 184 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9750/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DESCENDER WITH SELF-ACTING BRAKE

(51) International classification	:A62B 1/14
(31) Priority Document No	:2009902729
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000714
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/141988
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CAPITAL SAFETY GROUP (AUSTRALIA) PTY LIMITED

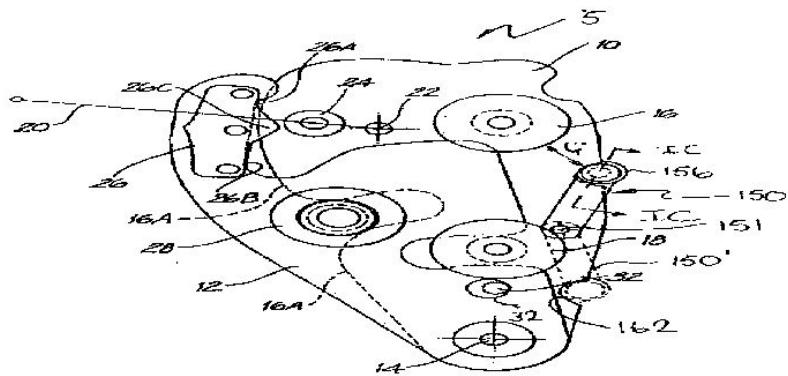
Address of Applicant :95 DERBY STREET SILVERWATER,
SYDNEY, NEW SOUTH WALES 2128

(72)Name of Inventor :

1)ROGELJA, BORIS

(57) Abstract :

A descender (5) for use in abseiling or belaying, comprising a base (10) connected to a harness or the like, with first (16) and second (18) spaced projections engaging a rope, the projections (16, 18) both extending normal to the base (10); an arm (12) pivotally mounted to the base (10) at a pivot axis (14), the arm (12) having a third projection (28) for engaging a rope, the projection (28) extending parallel to the pivot axis (14) and being located so that when the arm (12) is pivoted towards the base (10), the third projection (28) is located between the first (16) and second (18) spaced projections, wherein a fourth projection (156) disposed generally between the first (16) and second (18) projections and adjacent an edge of the base (10) separates a portion of rope passing into the descender (5) and around the first (16) and third (18) projections from the portion of the same rope passing out of the descender (5) between the third (28) and second (18) projections.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9751/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SOFTWARE EXTENSION ANALYSIS

(51) International classification	:G06F 9/44
(31) Priority Document No	:12/483,600
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037655
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/144374
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BOULDIN, THOMAS, A.

2)QUACH, ANDERSON, K.

(57) Abstract :

Multiple structured extension definitions can be obtained, each structured extension definition corresponding to one or more categories, and each structured extension definition being written in a software extension language. Data representing one or more registrations maintained in a format native to a registration store can be accessed, and this data analyzed based at least in part on the multiple structured definitions. In other aspects, a structured extension definition written in a software extension language is obtained. The registration store includes registrations stored in a format native to the registration store and different from the software extension language, and the registration store is modified based on the obtained structured extension definition.

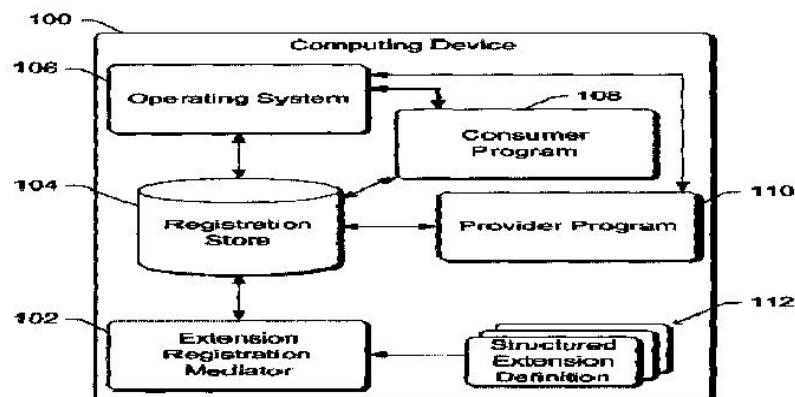


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9752/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SECURE AND PRIVATE BACKUP STORAGE AND PROCESSING FOR TRUSTED COMPUTING AND DATA SERVICES

(51) International classification	:G06F 21/22
(31) Priority Document No	:12/483,802
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038218
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/144735
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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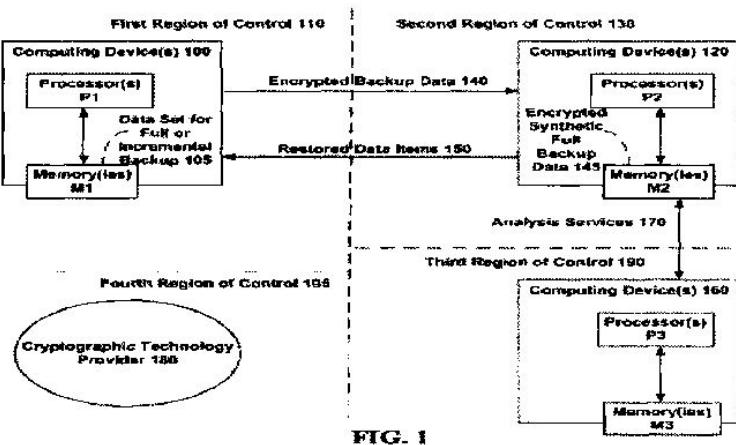
(72)Name of Inventor :

1)AURADKAR, RAHUL, V.

2)D'SOUZA, ROY PETER

(57) Abstract :

A digital escrow pattern is provided for backup data services including searchable encryption techniques for backup data, such as synthetic full backup data, stored at remote site or in a cloud service, distributing trust across multiple entities to avoid a single point of data compromise. In one embodiment, an operational synthetic full is maintained with encrypted data as a data service in a cryptographically secure manner that addresses integrity and privacy requirements for external or remote storage of potentially sensitive data. The storage techniques supported include backup, data protection, disaster recovery, and analytics on second copies of primary device data. Some examples of cost-effective cryptographic techniques that can be applied to facilitate establishing a high level of trust over security and privacy of backup data include, but are not limited to, size-preserving encryption, searchable-encryption, or Proof of Application, blind fingerprints, Proof of Retrievability, and others.



No. of Pages : 93 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9717/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A ZERO-VOLTAGE-TRANSITION SOFT SWITCHING CONVERTER

(51) International classification	:H02M 3/24
(31) Priority Document No	:PA 2009 00887
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/US2010/042687
Filing Date	:21/07/2010
(87) International Publication No	:WO 2011/011475
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DANFOSS TURBOCOR COMPRESSORS BV

Address of Applicant :KONINGSLAAN 17 NL-1075 AA
AMSTERDAM, NETHERLANDS

(72)Name of Inventor :

1)GALEA, COSMIN

2)LIN, HUAL YU

(57) Abstract :

A zero-voltage-transition soft switching converter (14) for converting a DC voltage comprises a load output terminal (13); a main switching bridge comprising at least one main switch (S1; S2) and an auxiliary circuit (15) connected to the main switching bridge. The auxiliary circuit comprises an auxiliary switch (Sx1); auxiliary diodes (Dx1, Dx10) connected to positive and negative DC voltages and to a diode connection point; and a coupled inductor (Tx1) having two coupled windings (Lr1; Lr2), connected between the load output terminal and the auxiliary switch and the diode connection point, respectively. The auxiliary circuit is connected to the main switching bridge to block currents in one direction between the main switching bridge and the auxiliary circuit, a residual magnetizing current otherwise freewheeling through a turned-on main switch and an auxiliary diode is reset in each switching cycle and thus no longer accumulated.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9718/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : USE OF MANNOSE-6-PHOSPHATE

(51) International classification	:A61K 8/60
(31) Priority Document No	:0910078.5
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001137
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/142957
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RENOVO LIMITED

Address of Applicant :MANCHESTER INCUBATOR
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9XX, U.K.

(72)Name of Inventor :

**1)FERGUSON, MARK, WILLIAM, JAMES
2)O'KANE, SHARON
3)OCCLESTON, NICHOLAS
4)NIELD, KERRY
5)MASON, TRACEY
6)BUSH, JAMES
7)HANAK, JULIAN**

(57) Abstract :

There is provided the use of mannose-6-phosphate, or a salt, precursor or analogue thereof, for providing and/or maintaining a consistent skin colour, particularly to reducing redness of skin. There is also provided the use of mannose-6-phosphate, or a salt, precursor or analogue thereof, as a skin improvement agent for providing a cosmetic effect and mannose-6-phosphate, or a salt, precursor or analogue thereof, for use in treating normal or damaged skin, wherein damaged skin is skin that has been subject to epidermal and/or dermal damage.

No. of Pages : 47 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9762/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TEMPERATURE CONTROL UNIT AND TEMPERATURE CONTROL SYSTEM FOR RESIN-COATED SAND

(51) International classification	:B22C 5/14	(71) Name of Applicant :
(31) Priority Document No	:2009-139567	1)TAISEI SHEEL CO., LTD.
(32) Priority Date	:10/06/2009	Address of Applicant :15-10, KAMEZAKISHINDEN, KAWAGO-E-CHO, MIE-GUN, MIE 510811, JAPAN
(33) Name of priority country	:Japan	2)ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD.
(86) International Application No	:PCT/JP2010/060253	(72) Name of Inventor :
Filing Date	:10/06/2010	1)OZAWA, TOSHIKATA
(87) International Publication No	:WO 2010/143746	2)TAKEBE, MITSUTOSHI
(61) Patent of Addition to Application Number	:NA	3)YAMASHITA, EIJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A temperature control unit (10) includes a housing (28) provided with a heated gas exhaust hole (26) formed therein, and a gas heater (30) housed in the housing (28). The gas heater (30) includes a heater pipe (54), a heat generating element (54) housed in the heater pipe (54), a frame (58) attached to an outside of a circumferential wall of the heater pipe (54) and forming a gas passage (76) inside thereof, and a heat radiating fin (78) arranged in the gas passage (76). Heat of the heater pipe (54) heated by the heat generating element (54) is transferred to the heat radiating fin (78), and a gas flowing through the gas passage (76) is heated by the heat radiating fin (78) and is discharged to an inside of the housing (28). The high temperature heated gas discharged into the housing (28) is exhausted through the heated gas exhaust hole of the housing, and heats the resin coated sand to a suitable temperature.

No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9763/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DISTRIBUTED POWER AMPLIFIER WITH ACTIVE MATCHING

(51) International classification	:H03F 3/60
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/050720
Filing Date	:11/06/2009
(87) International Publication No	:WO 2010/144011
(61) 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

Address of Applicant :SE-581 88 LINKOPING, SWEDEN

(72)Name of Inventor :

1)NILSSON, JOAKIM

2)VICKES, NANS-OLOOF

(57) Abstract :

The invention provides a distributed power amplifier arranged to operate over a bandwidth B. The distributed power amplifier has an input side with an input terminal arranged to receive an input signal and connected to an input transmission line. A power splitter is connected to the input terminal, thus being arranged to divide the input signal in a first path to the input transmission line and in a second path to an input of an active matching circuit. The active matching circuit has an output connected to the output transmission line, the other end of the output transmission line is connected to the output terminal. The invention also provides a corresponding method to design a distributed power amplifier and to modify existing distributed power amplifiers.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9725/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CURABLE COATING COMPOSITION MODIFIED WITH A CLEAVABLE SURFACTANT FOR IMPROVING ADHESION IN MULTILAYERED COATING STACKS

(51) International classification	:G02B 1/10
(31) Priority Document No	:61/186,122
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/058268
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/142798
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)

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(72)Name of Inventor :

**1)JOHN BITEAU
2)HERBERT MOSSE**

(57) Abstract :

The present invention is dedicated to a process for improving the adhesion properties between a first coating obtained from a curable composition and a second coating, through the incorporation of a cleavable surfactant in said curable composition and subsequent cleavage thereof. Said process comprises: depositing onto the substrate of an optical article a first layer of a first curable composition comprising at least one cleavable surfactant, curing at least partially said first curable composition, thereby forming a first coating, forming a second coating onto said first coating, wherein, after said first curable composition has been deposited onto the substrate, and before deposition of the second coating, said optical article is subjected to a treatment step resulting in a cleavage of at least a portion of the cleavable surfactant. Curable compositions containing cleavable surfactants and optical articles having deposited thereon stacks of coatings formed by the above process are also described.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9726/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : WORKSTATION WITH POSITION MEMORY

(51) International classification	:B60N 3/00
(31) Priority Document No	:0953813
(32) Priority Date	:09/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055073
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/142482
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CASSIDIAN SAS

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ZAC DE LA CLEF SAINT PIERRE, 78990 ELANCOURT,
FRANCE

(72)Name of Inventor :

1)CHRISTIAN PICARD

2)OLIVIER PIQUENOT

(57) Abstract :

The invention relates to a workstation with position memory. Specifically, the invention relates to a workstation with position memory (1) comprising a stationary flat mounting (2), a plate (3) translatable mounted relative to said stationary flat mounting (2) and a locking system (9) secured to said plate (3). The workstation (1) also comprises a tie means (8) secured to the stationary flat mounting (2), a strap (4) comprising a first end (5), an intermediate portion (6) and a second end (7), the first end (5) being attached to the tie means (8) and the second end (7) being free from any strain. The locking system (9) has a first open position in which the locking system (9) can slide along the intermediate portion (6) and a second closed position in which the locking system (9) is retained in a locked position along said intermediate portion (6). The invention has a direct application in the field of military vehicles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9727/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR ACHIEVING INTRINSIC SAFETY COMPLIANCE IN WIRELESS DEVICES USING ISOLATED OVERLAPPING GROUNDS AND RELATED APPARATUS

(51) International classification	:H01Q 1/48
(31) Priority Document No	:61/186,253
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037358
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/144311
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)GOURANGO BISWAS
2)CYRIL A.A. EMMANUEL**

(57) Abstract :

A system includes a wireless radio board (102), an antenna (104), and a ground pattern having a radio board ground (108) and an antenna ground (110). At least a portion of the radio board ground and at least a portion of the antenna ground overlap. The radio board ground could include a first portion (206b, 302a) in a first layer (200b, 300a) of the ground pattern and a second portion (206a, 302b-302c) in a second layer (200a, 300b) of the ground pattern, and the antenna ground could include a first portion (214, 304a) in the first layer of the ground pattern. The antenna ground could further include a second portion (304b-304c) in the second layer of the ground pattern. The radio board and antenna grounds could be separated by a minimum distance, such as 0.5mm or 3.0mm.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9728/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTI-STAGE MULTI-TUBE SHELL-AND-TUBE REACTOR

(51) International classification

:B01J 8/06

(31) Priority Document No

:12/481,107

(32) Priority Date

:09/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/037170

Filing Date

:03/06/2010

(87) International Publication No

:WO 2010/144297

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)YUON CHIU

2)STEPHEN A. COTTRELL

3)RICHARD DURICK HORWATH

4)HALUK KOPKALLI

(57) Abstract :

A multi-stage, multi-tube, shell-and-tube reactor which contains reaction zones and interstage temperature control (cooling/heating) zones in series. The reactor has at least two types of zones which both contribute to removing or supplying heat to the system depending on the system's need. The reactor will have a group of reaction zones which contain tubes packed with catalyst to progress the reaction and remove or supply heat simultaneously. There are also a number of interstage temperature control (cooling/heating) zones which are designed to supply or remove heat to or from the system. The positioning, number, and design of the zones will depend on the amount of temperature control desired and exothermic or endothermic nature of the processes to be conducted in the reactor.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9766/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : RADIONUCLIDE GENERATOR AND METHOD OF STERILIZATION

(51) International classification	:G21G 1/00
(31) Priority Document No	:PCT/US2009/002998
(32) Priority Date	:13/05/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/US2009/002998
Filing Date	:13/05/2009
(87) International Publication No	:WO 2010/132043
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JOHN HENRY EVERS

(57) Abstract :

A column assembly of a radionuclide generator includes a column that retains a parent radionuclide that spontaneously decays to a relatively short-lived daughter radionuclide. A fluid path extends from an inlet port to the column and then to an outlet port and allows daughter radionuclide to be eluted from the radionuclide generator for use. Improved retention of parent radionuclide in the column is accomplished by preventing fluid from entering the flow path in a liquid state, such as during sterilization. Proper column chemistry is also promoted by preventing excess moisture from coalescing in the column, which may promote a higher and/or more reliable yield of daughter radionuclide from a radionuclide generator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9768/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SLIDING ROOF DEVICE IN PARTICULAR FOR A MOTOR VEHICLE

(51) International classification	:B60J 7/043
(31) Priority Document No	:09/03404
(32) Priority Date	:10/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/004182
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/003617
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WEBASTO AG

Address of Applicant :KRAILLINGER STRASSE 5, 82131 STOCKDORF, GERMANY (DE).

(72)Name of Inventor :

1)RENAUDIN, FABRICE

(57) Abstract :

The present invention relates to a sliding roof device (1) for a vehicle, in particular for an automobile, having a movable panel (10), the front region (11) of which is mounted such that it is slidable in the longitudinal direction of the vehicle, while the rear region (12) is hinged to at least one push-out lever (21, 22) that is likewise mounted such that it is slidable in the longitudinal direction of the vehicle. The invention is notable in so far as the sliding roof device (1) additionally comprises drive means (30) that are able to displace the movable panel (10) by directly driving each push-out lever (21) in the direction of a displacement in the longitudinal direction of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9769/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : REGENERATIVE HEAT EXCHANGER AND METHOD OF REDUCING GAS LEAKAGE THEREIN

(51) International classification	:F28D 19/04
(31) Priority Document No	:12/465754
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026619
Filing Date	:09/03/2010
(87) International Publication No	:WO 2010/132143
(61) 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

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(72)Name of Inventor :

1)BIRMINGHAM JAMES W.

2)JUKKOLA, GLEN D

3)RAINIO, AKU

(57) Abstract :

A heat exchanger 500 for transferring heat between a first gas flow 28, such as flue gases, and a second gas flow 34, such as air or oxygen, includes a housing 514 having a first inlet plenum 520 for receiving the first gas flow 28, a first outlet plenum 522 for discharging the first gas flow 28, a second inlet plenum 526 for receiving the second gas flow 34, and a second outlet plenum 528 for discharging the second gas flow 34. The heat exchanger 500 further includes heat exchange elements 512 disposed within the housing 514. Radial seals 224,226, 228, 230 are disposed between the housing 514 and the heating elements 512 that define a radial plenum 535, 536. Axial seals 220, 222 are further disposed between the housing 514 and the heating elements 512 to define an axial plenum 530. A third gas flow, such as recirculated flue gas, is provided in the radial plenum 535, 536 and the axial plenum 530 to reduce the leakage between the first gas flow 28 and the second gas flow 34.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9780/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HEIGHT CONTROL MODULE, GAS SPRING ASSEMBLY AND METHOD

(51) International classification	:B60G 17/052
(31) Priority Document No	:61/182,859
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036906
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141472
(61) Patent of Addition 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 :250 WEST 96TH STREET,
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(72)**Name of Inventor :**

**1)GRAHAM R. BROOKES
2)LARRY L. LOCKRIDGE
3)ANTHONY E. GAMBRALL**

(57) Abstract :

A gas spring assembly (102, 200) includes a gas spring (122, 202) and a height control module (104, 204). The gas spring includes a first end member (124), a second end member (126) and a flexible wall (128) secured therebetween. The height control module includes a height control system that is operatively associated with the gas spring. The height control system includes a sensor (154, 206), a valve arrangement (156, 208) and a fixed-logic control circuit (158, 210). A suspension system (100) and a method (300) are also included.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9770/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : GAS LEAKAGE REDUCTION SYSTEM

(51) International classification	:F23C 9/08
(31) Priority Document No	:12/465822
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034426
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/132485
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JUKKOLA GLEN D.

2)LILJEDAHL GREGORY N.

3)NSAKALA NSAKALA YA

4)PALKES MARK

(57) Abstract :

An air infiltration abatement system (300) for a power plant (10) includes a recirculated flue gas source (175), a recirculated flue gas supply line (310) connected to the recirculated flue gas source (175) and a power plant component. The power plant component has a leakage area in fluid communication with the recirculated flue gas supply line (310). The recirculated flue gas source (175) receives a combustion flue gas (75) from an oxygen fired boiler (20) of the power plant (10), and provides the combustion flue gas (75) to the recirculated flue gas supply line (310). The recirculated flue gas supply line (310) supplies the combustion flue gas (75) as a recirculated flue gas (330) to the oxygen fired boiler (20) via the leakage area of the power plant component.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9772/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING DEEPER KNEE FLEXION CAPABILITIES FOR KNEE PROSTHESIS PATIENTS

(51) International classification	:A61F 2/38
(31) Priority Document No	:12/482,280
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038219
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/144736
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SAMUELSON, KENT M.

(57) Abstract :

Systems and methods for providing deeper knee flexion capabilities, more physiologic load bearing and improved patellar tracking for knee prosthesis patients. Such systems and methods include (i) adding more articular surface to the antero- proximal posterior condyles of a femoral component, including methods to achieve that result, (ii) modifications to the internal geometry of the femoral component and the associated femoral bone cuts with methods of implantation, (iii) asymmetrical tibial components that have an unique articular surface that allows for deeper knee flexion than has previously been available, (iv) asymmetrical femoral condyles that result in more physiologic loading of the joint and improved patellar tracking and (v) modifying an articulation surface of the tibial component to include an articulation feature whereby the articulation pathway of the femoral component is directed or guided by articulation feature. Figure : 16C

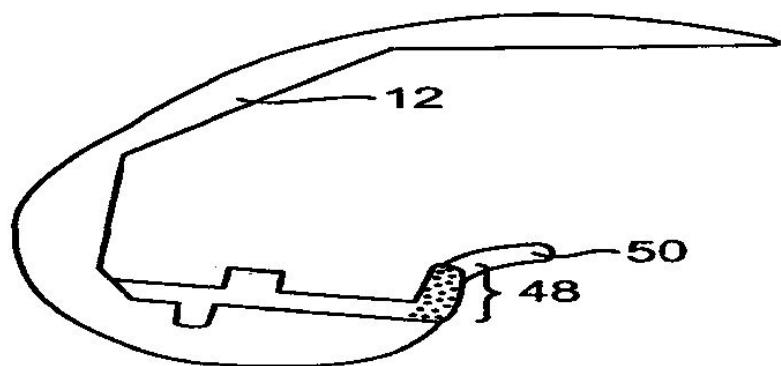


FIG. 16C

No. of Pages : 109 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9777/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DIFFERENTIAL PITCH CONTROL TO OPTIMIZE CO-ROTATING STACKED ROTOR PERFORMANCE

(51) International classification	:B64C 27/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/044895
Filing Date	:21/05/2009
(87) International Publication No	:WO 2010/134921
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BRUNKEN, JOHN, E., JR.

(57) Abstract :

A rotor system for a rotorcraft having at least one rotor blade pair operably associated with a differential pitch assembly operably for controlling a pitch angle of an upper rotor blade and the lower rotor blade in the rotor blade pair. Operation of the differential pitch assembly changes the pitch of the upper rotor blade more severely than the pitch of the lower rotor blade. As such, the rotor system is configured to provide optimum pitch of the upper and lower rotor blades during a helicopter mode and an airplane mode.

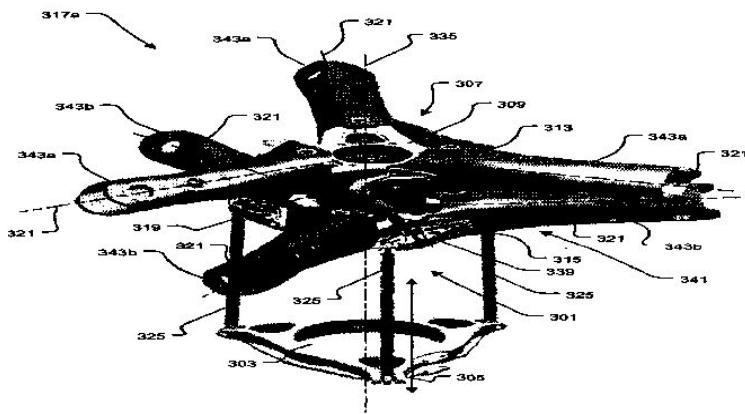


FIG. 5

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9791/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PEPTIDE

(51) International classification	:A61K 38/37
(31) Priority Document No	:0908515.0
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000997
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/133834
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DAVID WRAITH

(57) Abstract :

The present invention provides peptides at least partly derivable from FVIII which, are capable of binding to an MHC class II molecule without further antigen processing and being recognised by a factor VIII specific T cell. In particular, the present invention provides a peptide comprising or consisting of the sequence EDNIMVTFRNQASR.. The present invention also relates to the use of such a peptide for the prevention or suppression of inhibitor antibody formation in haemophilia A and/or acquired haemophilia.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9793/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PRESSURE INDICATOR FOR A TOOTH BRUSH

(51) International classification	:A46B 15/00
(31) Priority Document No	:61/220,623
(32) Priority Date	:26/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039645
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/151582
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)CLAIREZIMMET, KAREN, LYNN

3)CHENVAINU, ALEXANDER, TIMOTHY

4)HILSCHER, ALEXANDER

(57) Abstract :

An oral hygiene implement (10) comprising having a handle (12), head (14), and neck (16) extending between the handle and the head is described. The head has a plurality of cleaning elements (20) and/or massaging elements attached to the head. The oral hygiene implement also has a force sensor (320 and an output source (30). The output source provides a plurality of output signals which correspond to a plurality of conditions to a user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9781/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ENGINE COMPONENT COMPRISING CORROSION-PROTECTION LAYER AND MANUFACTURING METHOD

(51) International classification	:C23C 8/14	(71) Name of Applicant : 1)SCANIA CV AB Address of Applicant :S-151 87 SODERTALJE, SWEDEN
(31) Priority Document No	:0950464-8	
(32) Priority Date	:16/06/2009	
(33) Name of priority country	:Sweden	
(86) International Application No	:PCT/SE2010/050661	(72) Name of Inventor : 1)MAGNUS BERGSTROM
Filing Date	:14/06/2010	
(87) International Publication No	:WO 2010/147541	
(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 an engine valve comprising a chromiferous steel and a protective surface layer (5) which consists of iron chrome oxide. The invention relates further to a method for manufacture of an engine valve with a protective layer characterised in that: -an engine component comprising a chromiferous steel is provided (100); -the engine component is heated (200) at a predetermined temperature for a predetermined time so that a layer (5) of iron chrome oxide is formed on the engine component's surface; -the engine component is cooled (300) to room temperature.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9782/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DUAL TENSIONER ASSEMBLY

(51) International classification	:F16H 7/12
(31) Priority Document No	:12/495,387
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040213
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/002718
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)PIOTR DEC

2)SORIN CIOBOTARU

(57) Abstract :

A dual tensioner assembly (100, 300) for a two-belt drive system including a mounting bracket (110, 310), a first and second cup (356, 354) coaxial and integrally formed on opposite sides of the mounting bracket with a common base wall (360) having a hub (358) formed therein, a first and second pivot arm (42, 48, 342, 348) each having an integral cylindrical member (386, 366) and each having a tensioner pulley (40, 46, 40, 346) journaled thereon, a tensioning mechanism (390, 370) in each cup biasing its respective pivot arm, a pivot shaft (382, 362) in each cup that is fitted into the hub, and a sleeve bushing (388, 368) on each pivot shaft pivotably supporting its respective cylindrical members.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9783/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SPLIT CYCLE AIR-HYBRID ENGINE WITH MINIMIZED CROSSOVER PORT VOLUME

(51) International classification	:F02B 33/22
(31) Priority Document No	:61/313,831
(32) Priority Date	:15/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/028286
Filing Date	:14/03/2011
(87) International Publication No	:WO 2011/115874
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)RICCARDO MELDOLESI

2)NICHOLAS BADAIN

3)IAN GILBERT

(57) Abstract :

A split-cycle air-hybrid engine includes a rotatable crankshaft. A compression piston is slidably received within a compression cylinder and operatively connected to the crankshaft. An expansion piston is slidably received within a expansion cylinder and operatively connected to the crankshaft. A crossover passage interconnects the compression and expansion cylinders. The crossover passage includes a crossover compression (XovrC) valve and a crossover expansion (XovrE) valve defining a pressure chamber therebetween. An air reservoir is operatively connected to the crossover passage. An air reservoir valve is disposed in the air reservoir port. The air reservoir port includes a first air reservoir port section between the crossover passage and the air reservoir valve. The first air reservoir port section has a volume that is less than or equal to a volume of the crossover passage.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9784/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HEMOSTATIC SPONGE

(51) International classification	:A61L 26/00
(31) Priority Document No	:61/187,576
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/003623
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/145817
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)BAXTER HEALTHCARE S.A.

(72)Name of Inventor :

1)JORIS HOEFINGHOFF

2)HANS CHRISTIAN HEDRICH

(57) Abstract :

The present invention provides a hemostatic porous sponge comprising a matrix of a fibrous biomaterial and particles of a fluid absorbing, particulate material adhered to said matrix material, a method of producing these sponges and their use for wound healing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9785/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CAM FOLLOWER

(51) International classification	:F01L 1/18
(31) Priority Document No	:10 2009 032 582.4
(32) Priority Date	:10/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059564
Filing Date	:05/07/2010
(87) International Publication No	:WO 2011/003867
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)PETER SCHULZE

2)XIULI WANG

(57) Abstract :

The invention proposes a finger lever (1) for actuating a gas exchange valve (4) of an internal combustion engine, said finger lever (1) being composed of side walls (11), a valve contacting element (12), a roller axle (8) / roller (9) and a joint socket element (13).

According to the invention, the side walls comprise through-openings (15, 16) that are aligned to each other in pairs and in which each of the valve contacting element and the joint socket element are retained after the manner of a pin and bore connection by respective axle ends or axle stubs (18, 19) pointing in a transverse direction of the side walls. Figure 11

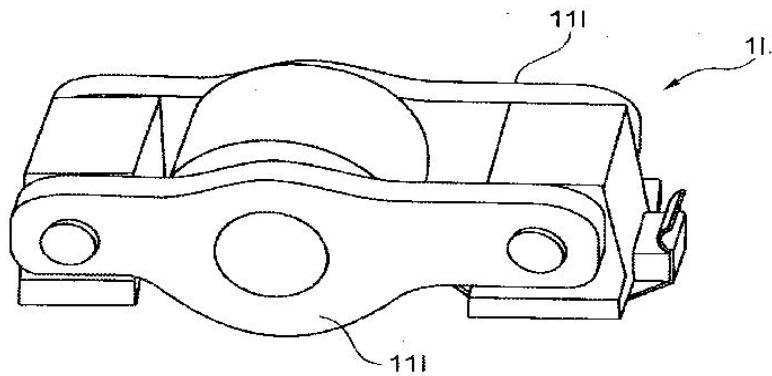


Fig. 11

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9786/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHANOL SYNTHESIS PROCESS

(51) International classification	:B01J 23/00
(31) Priority Document No	:0910366.4
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050844
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/146380
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)BRIAN PETER WILLIAMS

3)GORDON JAMES KELLY

4)TERENCE JAMES FITZPATRICK

(57) Abstract :

A methanol synthesis process is described, which comprises reacting a gas containing hydrogen, carbon dioxide and carbon monoxide over a catalyst comprising shaped units formed from a reduced and passivated catalyst powder comprising copper in the range 10-80% by weight, zinc oxide in the range 20-90% by weight, alumina in the range 5- 60% by weight and optionally one or more oxidic promoter compounds selected from compounds of Mg, Cr, Mn, V, Ti, Zr, Ta, Mo, W, Si and rare earths in the range 0.01 - 10% by weight, to form a product gas, and condensing methanol, water and oxygenate by-products therefrom, wherein the total oxygenate by-product level in the condensate is below 500ppm.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9787/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND PLANT FOR THE THERMAL TREATMENT OF ORGANIC MATTER IN ORDER TO PRODUCE CHARCOAL OR CHAR

(51) International classification	:C10B 49/02	(71) Name of Applicant :
(31) Priority Document No	:PI0901948-0	1)ANTONIO DELFINO SANTOS NETO
(32) Priority Date	:21/05/2009	Address of Applicant :RUA JOSE DE ALENCAR DRUMOND, 109, JARDIM CAMBUI, BELO HORIZONTE, MINAS GERAIS 35700-398, BRAZIL
(33) Name of priority country	:Brazil	2)VITOR SERGIO DE SOUSA
(86) International Application No	:PCT/BR2010/000175	3)SIDNEY PESSOA VIEIRA
Filing Date	:20/05/2010	4)ROGERIO GERALDO CAMPELO
(87) International Publication No	:WO 2010/132970	5)ALVARO LUCIO
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ALVARO LUCIO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The organic matter carbonization process is based on thermal treatment at high temperatures, under a controlled atmosphere, if possible in the absence of oxygen. The organic matter carbonization theory was expounded in this text, with emphasis on the thermodynamic aspects. It is shown in this exposition the important misfit between the endothermic and the exothermic carbonization stages, which hinders the use of the energy emitted during the exothermic stage by the brick kilns. Following there is a summary of the carbonization technique actual stage. The present invention relates to a method and plant for the thermal treatment of organic matter comprising independent reactors for the drying and pyrolysis of organic matter, and an independent reactor for the charcoal cooling. In this method the volatile products - non condensable gases and condensable pyrolytic vapors - are burned in an independent combustion chamber in order to supply the energy demanded by the process. In this way wood is not burned, and polluting substances are not emitted to the atmosphere. The method proposed by the present invention allows a precise control of the process in order to obtain the specified charcoal fixed carbon content; and a higher gravimetric yield, which gives an increase of the forest wood, either native or cultivated. In the independent pyrolysis and drying reactors proposed by the present invention, exiting flue gases from an external combustion chamber are driven to the drying reactor where the wood onto roll on buckets are heated and dried. Fuel gases emitted by the carbonizing wood are burned in the combustion chamber as an energy source. Inside the combustion chamber is placed a heat exchanger with the aim to reheat the pyrolytic gases. After reheated, these gases return to the carbonizing reactor in order to supply energy for the endothermic carbonizing step. The aim of this technique is to avoid the mixing of the fuel gases with the flue gases generated inside the combustion chamber, and to precisely control the carbonizing temperature. The present invention allows the production of intermediate products between wet wood and charcoal by halting the carbonization process at the desired stage in order to obtain anhydrous wood, char or, or high volatile content charcoal. The basic concepts of the process are: 1 - Utilization of the emitted gases by the carbonizing wood as an energy source. 2 - The stages of wood drying, wood pyrolysis and charcoal cooling are performed in independent reactors, inside which only one of these stages occurs. 3 -Energy supply during the carbonizing endothermic stage of the pyrolysis by the gases emitted during this stage after reheated in a heat exchanger. Basically the present invention comprises the following equipments: 1 Reaction chambers inside which the process stages are performed. 2 An external combustion chamber. 3- A heat exchanger inside said combustion chamber. 4 - A set of pipes. 5 - A set of fans. 6 - A loading system comprising roll on buckets.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9794/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR BREAST CANCER RISK ASSESSMENT

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/182,809
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/000675
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/139006
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HINDS, DAVID, A.

2)WALSER, BRYAN

(57) Abstract :

The present invention relates to methods and systems for assessing the overall risk of a human female subject for developing a breast cancer phenotype. In particular, the present invention relates to combining clinical risk assessment and genetic risk assessment to improve risk analysis.

No. of Pages : 64 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9796/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SEGMENTED CORE TRANSFORMER

(51) International classification	:H01F 3/14
(31) Priority Document No	:2009/04173
(32) Priority Date	:15/06/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/052679
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/146538
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KRUGER, PETRUS PAULUS

(57) Abstract :

The transformer (10) comprises a core (12), a primary winding (14) and a secondary winding 16. The core comprises an elongate limb (13) having a main axis (15) and comprising a plurality of segments (12.1 to 12. n) of a magnetic material and gaps (18.1 to 18.n-1) between segments arranged in alternating relationship along the main axis (15). The main axis (15) is parallel to direction of a magnetic field in the limb (13). Each gap has a liner segment separating extent (gj which is parallel to the main axis (15). The value of n is larger than three and the gaps are filled with an isolating medium (20).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9798/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EXPANDABLE BEADS, MOLDED BODY USING THE SAME, AND PRODUCTION METHOD FOR MOLDED BODY

(51) International classification	:C08J 9/232
(31) Priority Document No	:2009-187767
(32) Priority Date	:13/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063645
Filing Date	:11/08/2010
(87) International Publication No	:WO 2011/019057
(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)TAKAISHI, SHOICHI

4)FUJISAWA, TAKESHI

5)ISHII, TADAYUKI

(57) Abstract :

The present invention provides expandable beads having an average particle size of 0.5 to 10 mm, a density of 0.033 to 0.80 g/cc, and a flame retardancy of V-0 or V-1 as measured according to the UL-94 vertical test (20 mm vertical burn test) in the UL standards.

No. of Pages : 48 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9799/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PRINT MEDIA FOR HIGH SPEED, DIGITAL INKJET PRINTING

(51) International classification	:B41M 5/337
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/051067
Filing Date	:17/07/2009
(87) International Publication No	:WO 2011/008218
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

**1)ZHOU, XIAOQI
2)FU, XULONG
3)EDMONDSON, DAVE**

(57) Abstract :

Disclosed is a print medium for high speed, digital inkjet printing, which has high brightness and is resistant to yellowing. The print medium includes a base paper formed from a fiber furnish containing at least 30% by weight of mechanical pulp, and a coating Sayer formed on at least one surface of the base paper. The coating layer contains a metallic salt, a combination of two different binders at a predetermined ratio, and at least one inorganic pigment. A method of making the print medium is also disclosed.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9814/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INSECTICIDAL COMPOUNDS

(51) International classification	:C07D 401/14
(31) Priority Document No	:09164662.0
(32) Priority Date	:06/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057907
Filing Date	:07/06/2010
(87) International Publication No	:WO 2011/003684
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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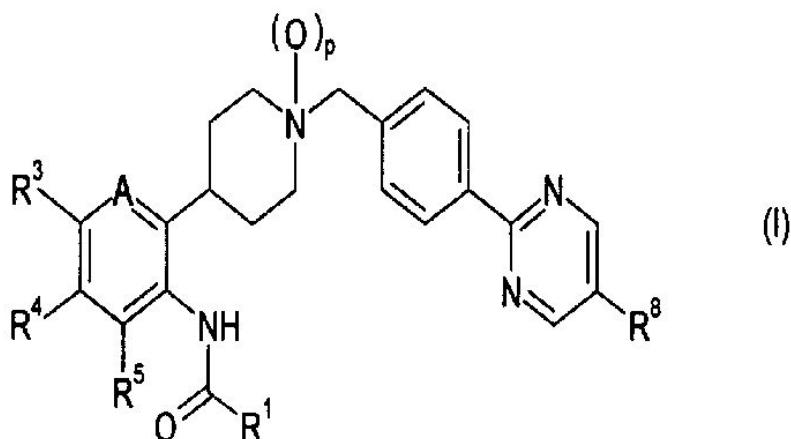
2)PITTERNA, THOMAS

3)CORSI, CAMILLA

4)MAIENFISCH, PETER

(57) Abstract :

A compound of formula (I) wherein A, p, R1, R3, R4, R5, and R8 are as defined in claim 1. Furthermore, the present invention relates to intermediates used to prepare compounds of formula (I), to methods of using them to combat and control insect, acarine, nematode and mollusc pests and to insecticidal, acaricidal, nematicidal and molluscicidal compositions comprising them.



No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9816/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DIPHENYL SULFIDE DERIVATIVES AND MEDICINES CONTAINING SAME AS ACTIVE INGREDIENT

(51) International classification	:C07F 9/09
(31) Priority Document No	:2009-162289
(32) Priority Date	:09/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004453
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/004604
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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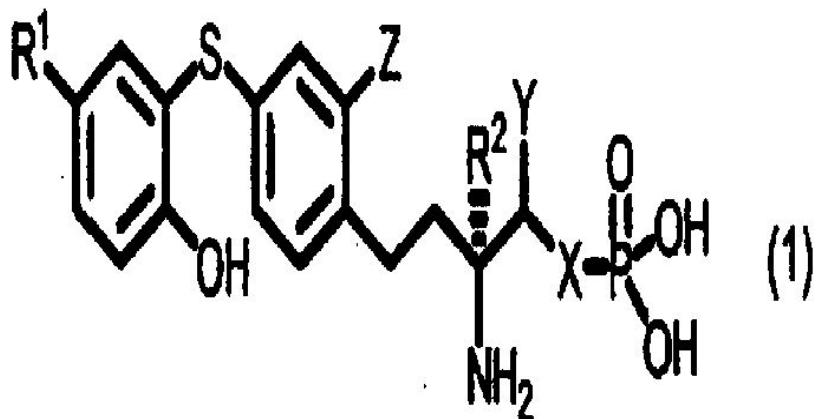
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3)TARU MOMOKO

4)MIYOSHI KEITA

(57) Abstract :

Provided are diphenyl sulfide derivatives which have excellent S1P3 antagonistic activity and are useful as drugs. Intensive studies have been made for the purpose of creating a compound having S1P3 antagonistic activity. As a result of the intensive studies, it has been found that diphenyl sulfide derivatives represented by general formula (1) have excellent S1P3 antagonistic activity. In general formula (1), R¹ is a hydrogen atom or the like; R² is an optionally substituted alkyl group having 1 to 6 carbon atoms, or the like; X is a methylene group which may be substituted with one or two fluorine atoms, or the like; Y is a hydrogen atom or the like; and Z is a halogen atom. [Formula 1]



No. of Pages : 204 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2011

(21) Application No.9758/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : KIT COMPRISING A SUPPORTING DEVICE FOR A TRANSPARENT ARTICLE AND A POLARIMETER

(51) International classification	:G01N 3/08
(31) Priority Document No	:09356040.7
(32) Priority Date	:10/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058074
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/142718
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)GARREC, RONAN

(57) Abstract :

The present invention relates to a kit comprising a supporting device (1) for maintaining a transparent article (2) having a longitudinal axis A, a proximal end (3a) and a distal end (3b), said supporting device (1) including a proximal holder (10) including a port (14) intended to receive the proximal end (3a) of said article (2), and a distal holder (20) including a receiving part (24) intended to receive the distal end (3b) of said article (2), said port (14) and said receiving part (24) being aligned on the same longitudinal axis B, said supporting device (1) further comprising compression means (29) for putting said article (2) under longitudinal compression directed towards a center of said article, when said article is mounted on said supporting device (1) with its longitudinal axis A aligned on said longitudinal axis B, and a polarimeter. The invention also pertains to a method for measuring the stress inside an article made of transparent material.

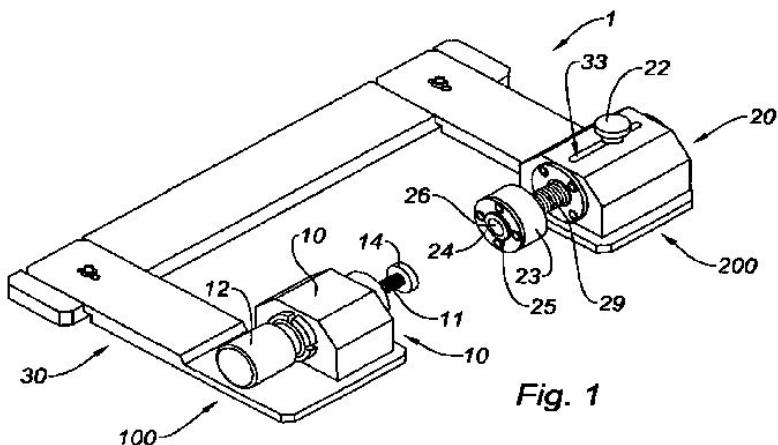


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9820/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 25/01/2013

(54) Title of the invention : SEMICONDUCTOR APPARATUS AND METHOD OF FABRICATION FOR A SEMICONDUCTOR APPARATUS

(51) International classification	:H01L 31/18
(31) Priority Document No	:1020090259775.5-33
(32) Priority Date	:16/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/075045
Filing Date	:31/05/2010
(87) International Publication No	:WO 2010/145648
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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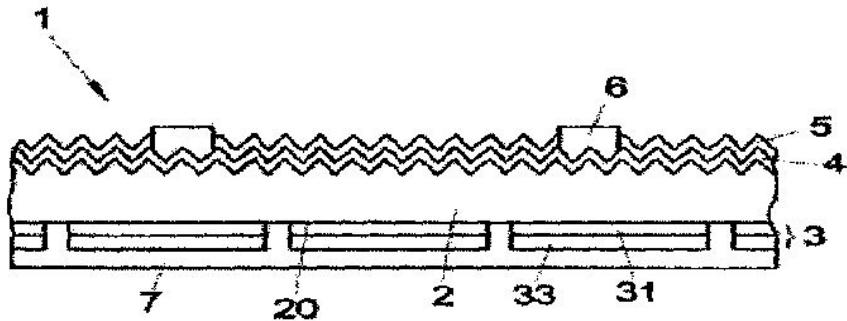
3)WILHELMUS MATHIJS MARIE KESSELS

4)GIJS DINGEMANS

(57) Abstract :

The invention relates to a semiconductor apparatus (1) and a method of fabrication for a semiconductor apparatus (1), whereby the semiconductor apparatus (1) comprises a semiconductor layer (2) and a passivation layer (3) arranged on a surface of the semiconductor layer (2) and serving for passivating the semiconductor layer surface (20), whereby the passivation layer (3) comprises a chemically passivating passivation sublayer (31) and a field-effect-passivating passivation sublayer (33), which are arranged one above the other on the semiconductor layer surface (20) Figure 2

Fig. 2



No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9821/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : WORKPIECE MEASURING DEVICE, COLLISION PREVENTING DEVICE, AND MACHINE TOOL

(51) International classification	:G01B 21/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/069088
Filing Date	:10/11/2009
(87) International Publication No	:WO 2011/058618
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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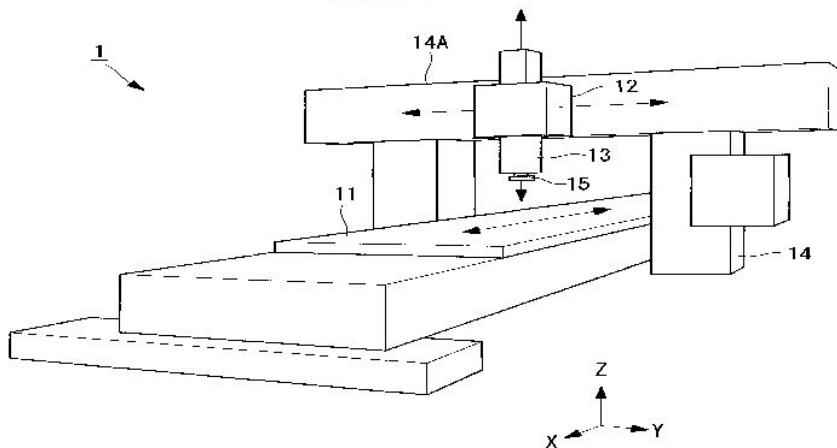
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- 3)SHIN ASANO
- 4)KENJI KURA
- 5)HIROKAZU MATSUSHITA
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- 7)MASARU HIGUCHI

(57) Abstract :

Provided are a workpiece measuring device, a collision preventing device, and a machine tool that are capable of easily acquiring 3D data of the shape of a workpiece used to prevent a collision between the workpiece and part of the machine tool. A measuring section (15) that is attached to a main shaft to which a tool used for machining a workpiece serving as an object to be machined is attached and that measures the distance to the workpiece through scanning in a non-contact manner; and a shape recognition section (23) that generates a 3D mesh structure formed by dividing a space into polyhedrons, that calculates the coordinates of a measurement point on the workpiece based on distance information about the measured distance to the workpiece, and that generates a measurement geometry map such that, when the ratio of the number of times the calculated measurement point is included in one unit of the 3D mesh structure to the number of times a position of the workpiece corresponding to the one unit is scanned is equal to or larger than a predetermined threshold, the one unit is regarded as part of the workpiece are included. FIGURE 1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9822/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NATURAL DRAFT AIR COOLED STEAM CONDENSER AND METHOD

(51) International classification	:B01F 3/04
(31) Priority Document No	:12/466,885
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034725
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132675
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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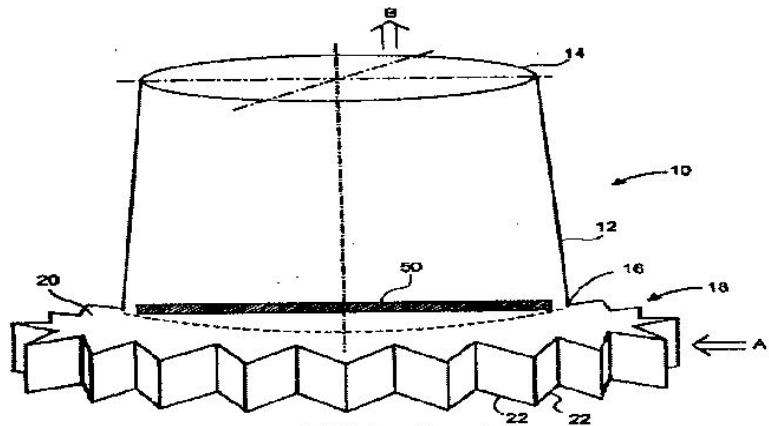
2)LEITZ, RICHARD

3)VOUCHE, MICHEL

4)NAGEL, PHILIPPE

(57) Abstract :

An air cooled condenser apparatus has a tubular shell having an open upper end and an open lower end, a ring of tube bundle panels disposed generally vertically and at an angle to each other, with each of the tube bundles comprising a primary condenser region and a secondary condenser region, and adapted for air flow therethrough to condense fluid in the panels, and configured so that air flow through the panels passes through and exits the open upper end of the shell, and a duct disposed at the ground level of the shell, and a non-condensable extraction system with active or passive devices to control the local rate of the evacuated mixture of non-condensables and attached steam.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9819/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : GRAVITATIONAL FOOTWEAR VARIANTS AND SPRING UNIT

(51) International classification	:A43B 13/14
(31) Priority Document No	:PCT/RU2010/000043
(32) Priority Date	:05/02/2010
(33) Name of priority country	:PCT
(86) International Application No	:PCT/RU2010/000043
Filing Date	:05/02/2010
(87) International Publication No	:WO 2011/096836
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SHIROKIKH, MARK RUDOLFOVICH

(57) Abstract :

The invention relates to gravitational footwear in the form of a shoe, boot, etc., which accumulates energy generated by elastic deformation and comprises a flexion spring and a footwear upper with fixation devices connected to the spring, the sole and other components of the footwear, wherein the bearing member of the spring is in the form of a heel, or a heel and a sole, or a sole, and gravitational action is transmitted to the spring by suspending the user's leg relative to the top of the spring by means of a sleeve and/or a non-elastic hose or by another soft supporting member, while the distance between the ends of the spring in a free state is larger than the distance between the suspension point and the lowest point of the user's foot, and the spring includes a locking member. The spring unit can be used together with conventional footwear as an attachment for accumulating energy, and includes a flexion spring connected to the user's leg by a member for transmitting gravitational action to the spring, wherein the heel is used as the bearing member of said spring and the sole is used as an additional bearing member when the spring is compressed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9833/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ESTERIFIED LIGNOCELLULOSIC MATERIALS AND METHODS FOR MAKING THEM

(51) International classification	:B27K 3/36
(31) Priority Document No	:61/220,427
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001805
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/151320
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)FELTY, JARVEY EUGENE, JR.

2)GUINN, TIMOTHY L.

3)SPENCER, DAVID, CHRIS

4)ALLEN, JOHN, MICHAEL

(57) Abstract :

Methods of making esterified lignocellulosic materials and resulting compositions and articles are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9834/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CARBON OXIDES CONVERSION PROCESS

(51) International classification	:B01J 21/04
(31) Priority Document No	:0910364.9
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050843
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/146379
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)COLIN WILLIAM PARK

2)BRIAN PETER WILLIAMS

3)GRAEME DOUGLAS CAMPBELL

4)DAVID ALLAN BUCKWORTH

(57) Abstract :

A carbon oxides conversion process is described, which comprises reacting a carbon oxide containing process gas containing hydrogen and/or steam and containing at least one of hydrogen and carbon monoxide in the presence of a catalyst comprising shaped units formed from a reduced and passivated catalyst powder said powder comprising copper in the range 10-80 % by weight, zinc oxide in the range 20-90% by weight, alumina in the range 5-60 % by weight and optionally one or more oxidic promoter compounds selected from compounds of Mg, Cr, Mn, V, Ti, Zr, Ta, Mo, W, Si and rare earths in the range 0.01 - 10 % by weight, wherein said shaped units have a reduced to as-made mean horizontal crush strength ratio of > 0.5: 1 and a copper surface area above 60m²/g Cu.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9835/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INJECTION MOULDING CATHETER

(51) International classification	:A61M 25/00	(71) Name of Applicant :
(31) Priority Document No	:PA 2009 70041	1)COLOPLAST A/S
(32) Priority Date	:26/06/2009	Address of Applicant :HOLTEDAM 1, DK-3050
(33) Name of priority country	:Denmark	HUMLEBAEK, DENMARK
(86) International Application No	:PCT/DK2010/050166	(72) Name of Inventor :
Filing Date	:25/06/2010	1)EGON TRIEL
(87) International Publication No	:WO 2010/149175	2)JOHNNY WAGNER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of injection moulding a catheter assembly, the method comprising providing a mould having an elongated cavity in the form of an external surface of the catheter assembly, providing a core pin in the longitudinal axis of the catheter assembly inside the cavity in the form of an inner lumen of the catheter assembly, where the core pin has a distal end that is fixed in place and a proximal free end, providing a first and a second moulding member where each one of the first and the second moulding members has a fixed end and a free end, in a radial direction of the elongated cavity, preparing the mould by arranging the free ends of the two moulding members to support the core pin, injecting a liquid catheter material into the mould, letting the liquid material solidify.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9836/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR ESTERIFYING LIGNOCELLULOSIC MATERIAL

(51) International classification	:B27K 3/36
(31) Priority Document No	:16/220,428
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001806
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/151321
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)JOHN PETER MYKYTKA

(57) Abstract :

Methods of making esterified lignocellulosic materials and resulting compositions and articles are disclosed.

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9800/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ELECTROPHOTOGRAPHIC INK, LIQUID TONER PRODUCING METHODS, AND DIGITAL PRINTING METHODS

(51) International classification	:C09D 11/00	(71) Name of Applicant : 1)HEWLETT-PACKARD INDIGO B.V. Address of Applicant :LIMBURGLAAN 5, NL-6221 SH MAASTRICHT, NETHERLANDS
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2009/059482	(72) Name of Inventor : 1)GOLODETZ, GALIA 2)VICTOR, GAL
Filing Date	:23/07/2009	
(87) International Publication No	:WO 2011/009488	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ink contains dispersed particles, individually including at least one thermoplastic first resin exhibiting a MFI less than or equal to 100, at least one thermoplastic second resin exhibiting a MFI greater than 100, and a white pigment. A liquid toner producing method includes forming a paste containing the resins, combining the paste with a white pigment, and after combining the paste and pigment, applying a shear force, encapsulating the pigment, and dispersing the encapsulated pigment. A digital printing method includes providing a liquid marking agent containing charged particles dispersed in a carrier liquid, individual particles including at least one thermoplastic first resin and at least one thermoplastic second resin encapsulating a white pigment, and printing a hard image on a substrate. At least a portion of the image has a white color.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9806/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : 'A COLLECTION AND METHODS FOR ITS USE

(51) International classification	:C12N 15/10
(31) Priority Document No	:61/182,350
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057507
Filing Date	:29/05/2010
(87) International Publication No	:WO 2010/136598
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MARKUS ENZELBERGER

2)JOSEF PRASSLER

3)STEFNIE URLINGER

4)TANJA HERRMANN

5)THOMAS TILLER

(57) Abstract :

The present disclosure enables methods of identifying the VH and VL class pairs in the human immune repertoire, determining the VH and VL class pairs that are most prevalent and those having favorable biophysical properties. More specifically, the collections of the present disclosure comprise the most prevalent and/or preferred VH and VL class pairings with highly diversified CDRs.

No. of Pages : 277 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9807/DELNP/2011 A

(43) Publication Date : 25/01/2013

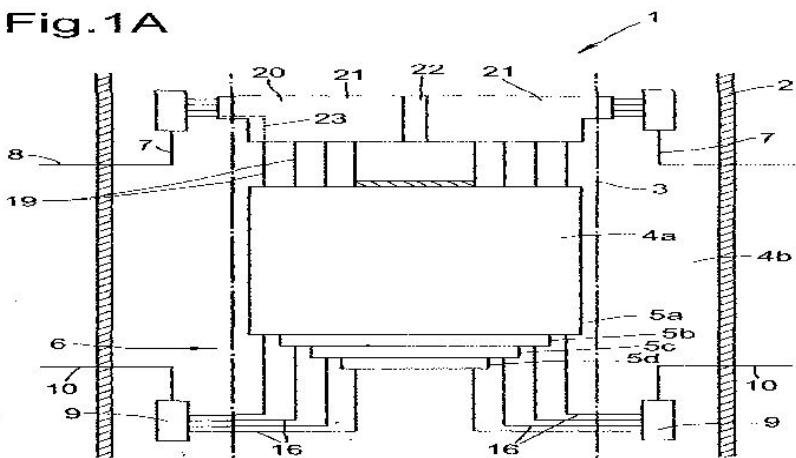
(54) Title of the invention : HEAT EXCHANGER

(51) International classification	:F23D 7/00	(71)Name of Applicant :
(31) Priority Document No	:09165009.3	1) SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:09/07/2009	MAATSCHAPPIJ B.V.
(33) Name of priority country	:EPO	Address of Applicant :CAREL VAN BYLANDTLAAN 30,
(86) International Application No	:PCT/EP2010/059605	NL-2596 HR, THE HAGUE, THE NETHERLANDS.
Filing Date	:06/07/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/003889	1) VON KOSSAK-GLOWCZEWSKI, THOMAS, PAUL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heat exchange device (1), e.g., for a syngas reactor, comprising a channel wall (3) defining a flow channel and one or more heat exchange surfaces (5a- d), each embedding one or more flow paths for a fluid heat exchange medium. A support structure (20) supports the heat exchange surfaces (5a - d) within the flow channel. The support structure (20) comprises a plurality of arms (21) extending from a central crossing (22) to the channel wall (3). The arms (21) of the support structure can embed evenly distributed, e.g., meandering inner channels (23) which can be in open connection with the flow paths in the heat exchange surfaces (5a - d).

Fig. 1A



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9808/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONTINUOUSLY VARIABLE RATIO TRANSMISSION

(51) International classification	:F16H 37/08
(31) Priority Document No	:0908581.2
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050809
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133873
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

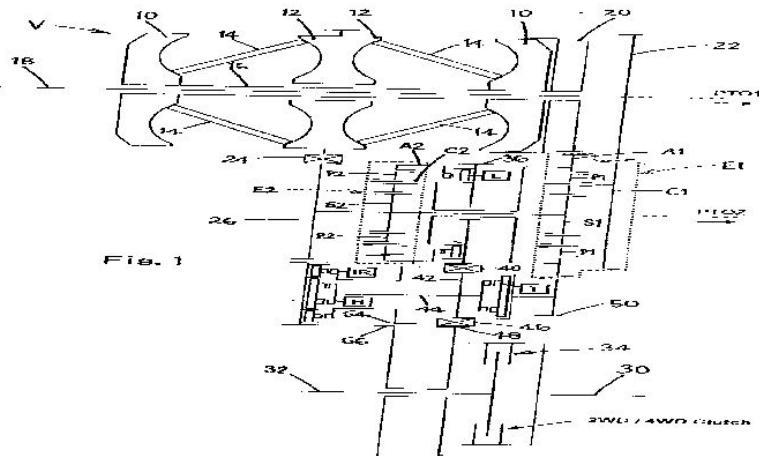
1)TOROTRAK (DEVELOPMENT) LIMITED
Address of Applicant :1 ASTON WAY, LEYLAND,
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(72)Name of Inventor :

1)WINTER, PHILIP DUNCAN

(57) Abstract :

A multi-regime continuously variable ratio transmission (CVT) has a transmission input shaft (18), a transmission output shaft (30) and a ratio varying unit (V) having a rotating input (10) and a rotating output (12), the rotational axes of the input and the output being coaxial. A shunt comprising first and second epicyclic gear sets (E1, E2) is connected across the ratio varying unit (V). One epicyclic gear set (E1) has an input (CI) driven by the transmission input shaft (18) and an input (SI) driven by one side of the ratio varying unit (V) and the other epicyclic gear set (E2) has an input (C2) from the first epicyclic gear set and an input (SI) from one side of the ratio varying unit (V). The first and second epicyclic gear sets (E1, E2) rotate about a common axis and are offset with respect to, and parallel to, the rotational axes of the input (10) and output (12) of the ratio varying unit (V). A clutch is operable to selectively connect the output (A2) of the second epicyclic gear set (E2) to the transmission output shaft (30).



No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9809/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DETECTION AND COMPENSATION OF MULTIPLEXER LEAKAGE CURRENT

(51) International classification	:H03K 17/693
(31) Priority Document No	:12/584,468
(32) Priority Date	:04/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002321
Filing Date	:24/08/2010
(87) International Publication No	:WO 2011/028247
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BRONCZYK ANDREW JAMES

2)RUD JASON HAROLD

3)GOETZINGER CHARLES EDWIN

(57) Abstract :

A multiplexed input/output (I/O) system detects leakage currents on a selected input channel. The system includes a leakage detection multiplexer connected to provide an output selected from one of a plurality of input channels. In addition, the leakage detection multiplexer provides as part of the output measured leakage currents associated with the selected input channel. Based on the detected leakage currents, a determination can be made regarding whether the detected leakage currents have compromised the integrity of the multiplexer output. In addition, the detected leakage current can be used to compensate the output provided by the multiplexer to account for the presence of leakage currents on the selected channel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9837/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POLYMERIZATION PROCESS USING A SUPPORTED CONSTRAINED GEOMETRY CATALYST

(51) International classification	:C08F 210/16
(31) Priority Document No	:61/229,158
(32) Priority Date	:28/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043365
Filing Date	:27/07/2010
(87) International Publication No	:WO 2011/017092
(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)WESLEY R. MARIOTT

6)JAMES M. FARLEY

7)MICHAEL D. AWE

(57) Abstract :

A polymerization process includes contacting the following in a gas-phase reactor system under polymerization conditions for making a polymer product: a metallocene-based catalyst system including a supported constrained geometry catalyst, at least one monomer, and an additive selected from a group consisting of an aluminum distearate, an ethoxylated amine, and a mixture thereof. The additive may be selected from a group consisting of an aluminum distearate, an ethoxylated amine, polyethylenimines, and other additives suitable for use in the production of polymers for food contact applications and end products, including a mixture of a polysulfone copolymer, a polymeric polyamine, and oil-soluble sulfonic acid, in a carrier fluid, and mixtures thereof.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9838/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BOLSTER MOUNTED BRAKE SYSTEM

(51) International classification	:B61H 13/00
(31) Priority Document No	:61/184,476
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/026476
Filing Date	:08/03/2010
(87) International Publication No	:WO 2010/141138
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HOWARD E. HUBER, JR.

3)STEVEN R. NEWTON

4)JEFFREY F. SAUTER

5)ERIC WRIGHT

(57) Abstract :

A brake system includes a brake cylinder having a piston rod and a brake lever connecting the piston rod to a brake beam and a slack adjuster. An actuating lever is connected to the brake beam and the brake cylinder. A trigger of the slack adjuster is connected to the actuating lever. The actuating lever is pivotally and rotationally connected to the brake beam and swivelably connected to the brake cylinder. Also, a piston stroke indicator including an indicia positioned on a support structure of a brake cylinder to be adjacent the end of a portion of a brake piston at its extended position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9839/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CATALYST AND PROCESS

(51) International classification

:C07C 5/32

(31) Priority Document No

:0909694.2

(32) Priority Date

:05/06/2009

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/GB2010/050944

Filing Date

:04/06/2010

(87) International Publication No

:WO 2010/140005

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)EDMUND HUGH STITT

2)MICHAEL JOHN WATSON

3)LYNN GLADDEN

4)JAMES MCGREGOR

(57) Abstract :

The invention is a method of dehydrogenating a hydrocarbon, especially an alkane, to form an unsaturated compound, especially an alkene, by contacting the alkane with a catalyst comprising a form of carbon which is catalytically active for the dehydrogenation reaction. The catalyst may be formed by passing a hydrocarbon over a metal compound at a temperature greater than 650 °C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9840/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : REFORMED GAS-BASED REDUCTION METHOD WITH RETURN OF THE WASTE REDUCTION GASES AND DECARBONISATION OF THE WASTE GAS COMPONENT USED AS COMBUSTION GAS FOR THE REFORMER

(51) International classification :C21B 13/00
(31) Priority Document No :A1217/2009
(32) Priority Date :31/07/2009
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2010/060130
 Filing Date :14/07/2010
(87) International Publication No :WO 2011/012448
(61) Patent of Addition to Application
 Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71) Name of Applicant :

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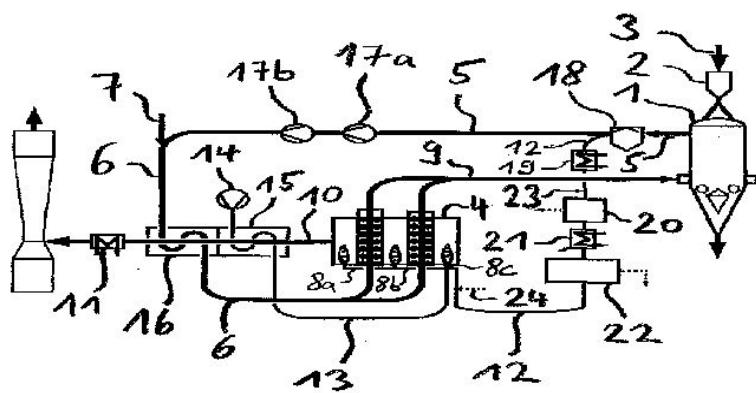
(72) Name of Inventor :

(72) Name of Inventor :
1)ROBERT MILLNER
2)GUENTER PEER

(57) Abstract :

The present invention relates to a process for the reduction of metal oxides (3) to form metallized material by contact with hot reducing gas, which is produced at least partially by catalytic reformation of a mixture of a gas containing carbon dioxide (CO₂) and/or steam (H₂O) with gaseous hydrocarbons, wherein the fuel gas for burners (8a, 8b, 8c) which provide the heat for the endothermal reformation processes which take place during the reformation is obtained at least partially from a partial quantity of the top gas produced during the reduction of metal oxides (3) to form metallized material, wherein this partial quantity of the top gas, before it is used as a component of the fuel gas, is firstly subjected to dedusting and then to a CO conversion reaction, and the conversion gas obtained during the CO conversion reaction is subjected to CO₂ removal after cooling. Furthermore, the present invention relates to an apparatus for carrying out the process. (Fig. 1)

Fig. 1



No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9853/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BIOCHAR COMPLEX

(51) International classification	:C09K 17/00
(31) Priority Document No	:2009902209
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000534
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129988
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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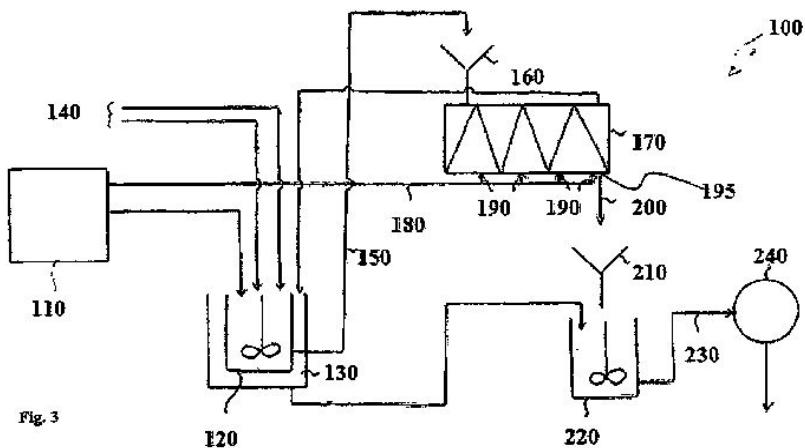
(72)Name of Inventor :

1)JOSEPH, STEPHEN, DAVID

2)FOIDL, NIKOLAUS

(57) Abstract :

The invention relates to a biochar-containing composition comprising biochar having organic matter therein and/or thereon, clay associated, optionally intercalated, with the organic matter, a non-clay mineral and optionally also a plant growth promoter.



No. of Pages : 101 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9825/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LACTASE CONTAINING MILK POWDER

(51) International classification	:A23C 1/04
(31) Priority Document No	:09163435.2
(32) Priority Date	:23/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058511
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/149557
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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VEVEY, SWITZERLAND

(72)Name of Inventor :

1)BRAUN, MARCEL

2)NIEDERREITER, CAROLINE

(57) Abstract :

The present invention relates to milk powder compositions comprising lactase and to processes for the manufacture of said milk powder compositions. The processes have been found to stabilise lactase in said milk powder compositions. It further relates to the use of said milk powder compositions in alleviating the symptoms of gastro-intestinal intolerance in mammals.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9826/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : 'BIOREACTOR PROCESS FOR PRODUCTION OF HYDROGEN FROM BIOMASS

(51) International classification	:C12M 1/107
(31) Priority Document No	:2009/03330
(32) Priority Date	:14/05/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/052143
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/131224
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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BRAAMFONTEIN, JOHANNESBURG, SOUTH AFRICA

(72)Name of Inventor :

1)GRAY, VINCENT MYLES

(57) Abstract :

This invention relates to bioreactor processes, particularly bioreactor processes for the production of hydrogen gas from biomass, more particularly to bioreactor processes for the production of hydrogen gas employing a mixed anaerobic thermophilic bacterial consortium during the anaerobic fermentation of biomass.

No. of Pages : 34 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9827/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PREPARING MICROCRYSTALLINE CELLULOSE

(51) International classification	:C08B 15/02
(31) Priority Document No	:P200901254
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/IB2010/001001
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/131088
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MARFIL COMERCIO E EMPREENDIMENTOS LTDA

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CEP 06767-330, BRAZIL

(72)Name of Inventor :

1)GIUSEPPE FRANGIONI

2)ALEXANDRE P.FRANGIONI

(57) Abstract :

The present invention relates to a new method for preparing microcrystalline cellulose, comprising a prior step of compaction of the cellulose before degradation of the glucose chains and obtaining the suitable degree of polymerization. It is also described that the method of the invention allows a considerable reduction in the consumption of energy, water and possible chemicals which are used for reducing the degree of polymerization. The microcrystalline cellulose obtained can be used as a pharmaceutical excipient in tablets, and presents disintegration features comparable to those of the microcrystalline cellulose obtained by a spraying process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9828/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : USE OF DELTA-TOCOPHERYL-CARBOHYDRATE AS A DEPIGMENTING AGENT

(51) International classification	:A61K 8/67
(31) Priority Document No	:0953180
(32) Priority Date	:14/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/056533
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PIERRE FABRE DERMO-COSMETIQUE

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BOULOGNE-BILLANCOURT, FRANCE

(72)Name of Inventor :

1)POIGNY, STEPHANE

2)BELAUBRE, FRANCOISE

3)SAURAT, JEAN-HILAIRE

4)SORG, OLIVIER

5)KASRAEE, BEHROOZ

(57) Abstract :

The present invention relates to a cosmetic or pharmaceutical composition for cutaneous application, whose goal is the depigmentation of the skin.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9862/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EARLY ENDOSPERM PROMOTER AND METHODS OF USE

(51) International classification	:C12N 15/82
(31) Priority Document No	:61/185,418
(32) Priority Date	:09/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037995
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/147825
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PIONEER HI-BRED INTERNATIONAL, INC.

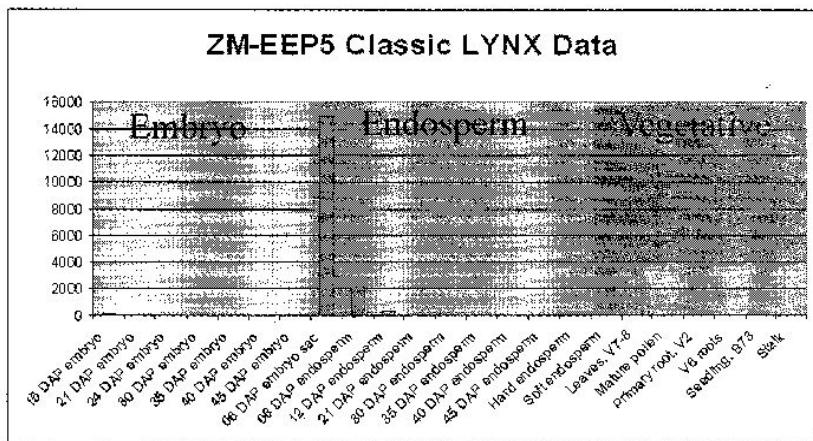
Address of Applicant :7100 N.W. 62ND AVENUE
JOHNSTON, IA 50131-1014, U.S.A.

(72)Name of Inventor :

1)ABBITT, SHANE E.

(57) Abstract :

Compositions and methods for regulating expression of heterologous nucleotide sequences in a plant are provided. Compositions include a novel nucleotide sequence for a maize early endosperm 5 (eep5) promoter. Also provided is a method for expressing a heterologous nucleotide sequence in a plant using a promoter sequence disclosed herein.



No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9866/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INJECTION NOZZLE FOR ELECTROSPINNING AND ELECTROSPINNING DEVICE USING SAME

(51) International classification

:D01D 4/02

(31) Priority Document No

:KR 10-2009-
0052114

(32) Priority Date

:12/06/2009

(33) Name of priority country

:Republic of Korea

(86) International Application No
Filing Date

:PCT/KR2010/003779
:11/06/2010

(87) International Publication No

:WO 2010/143916

(61) Patent of Addition to Application
Number

:NA
:NA

Filing Date

(62) Divisional to Application Number
Filing Date

:NA
:NA

(71)Name of Applicant :

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Address of Applicant :185-1, SUCHAM-RI, TONGJIN-MYEON, GIMPO-SI, GYEONGGI-DO 415-863 Republic of Korea

(72)Name of Inventor :

- 1)SEO,INYONG**
- 2)JO, BYUNGGWANG**
- 3)SUH, SANGCHUL**
- 4)KIM, CHAN**
- 5)KIM, CHEOLHYEON**
- 6)LEE SEUNGHOON**
- 7)KIM, JAEHWAN**

(57) Abstract :

The present invention relates to an injection nozzle for electrospinning including a nozzle body and an air jacket member detachably coupled with each other, and needle members coupled to the bottom surface of the nozzle body via injection holes of the air jacket member. The electrospinning device basically performs air electrospinning for injecting a fiber solution together with air while discharging the fiber solution through the needle members, and the needle members are exposed at the ends thereof by a length long enough to carry out error-free pure electrospinning without air injection if the air jacket member is separated. Therefore, pure electrospinning or air electrospinning can be selectively carried out.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9867/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MOTOR CONTROL DEVICE FOR WORKING VEHICLE

(51) International classification	:F02D 29/00
(31) Priority Document No	:2009-146197
(32) Priority Date	:19/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060298
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/147182
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HITACHI CONSTRUCTION MACHINERY CO., LTD.

Address of Applicant :5-1, KOURAKU 2-CHOME,
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(72)Name of Inventor :

1)HYODO KOJI

2)NAKAZONO HIROKI

3)YOSHIKAWA MASAKI

4)AOKI TADAYOSHI

5)AOKI ISAMU

(57) Abstract :

A motor control device for a working vehicle includes: a rotational speed control device that controls a rotational speed of a motor in accordance with an operation amount of an accelerator pedal; a travel drive device that transmits rotation of the motor to wheels through a torque converter and a transmission; a speed ratio detection device that detects a speed ratio of an input shaft and an output shaft of the torque converter; and a speed restriction device that restricts a maximum rotational speed of the motor in accordance with a speed ratio detected by the speed ratio detection device. In the motor control device for a working vehicle, the speed restriction device restricts the maximum rotational speed when a detected speed ratio is in an acceleration region of the rotational speed of the motor to less than the maximum rotational speed when a detected speed ratio is in a non-acceleration region.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9858/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : OCULAR IMPLANTS AND METHODS FOR DELIVERING OCULAR IMPLANTS INTO THE EYE

(51) International classification	:A61M 5/00
(31) Priority Document No	:61/224,158
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041589
Filing Date	:09/07/2010
(87) International Publication No	:WO 2011/006113
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IVANTIS, INC.

Address of Applicant :13766 ALTON PARKWAY, SUITE 150, IRVINE, CA 92618 U.S.A.

(72)Name of Inventor :

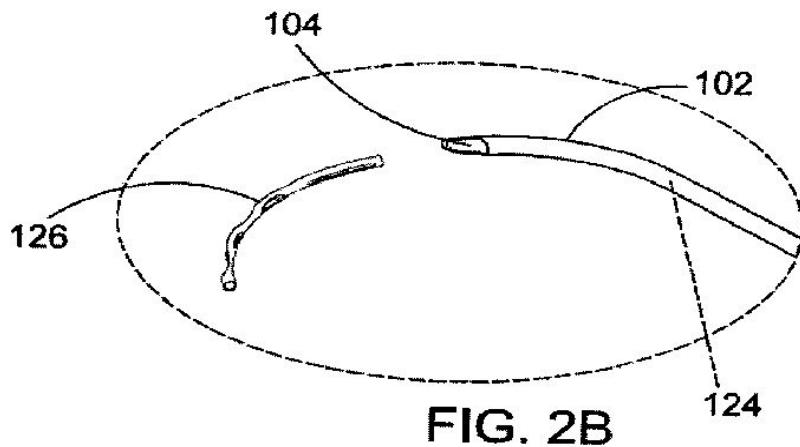
1)WARDLE, JOHN

2)SCHIEBER, ANDREW T.

3)GALT, KENNETH, M.

(57) Abstract :

An ocular implant is provided. In some embodiments, the ocular implant includes a body that is curved about a longitudinal central axis and a distal body portion that defines a longitudinal channel including a channel opening. The implant is sized and configured such that the ocular implant assumes an orientation in which the channel opening is adjacent a major side of Schlemm's canal when the ocular implant is disposed in Schlemm's canal. Methods for delivering ocular implants into Schlemm's canal are also provided. Some methods include covering openings in the ocular implant, advancing the implant into Schlemm's canal while at least some of the openings are covered, and uncovering the openings while the distal portion of the implant is disposed in Schlemm's canal. Fig. 2B



No. of Pages : 65 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9876/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMMERSION TYPE ULTRASOUND FLAW DETECTION DEVICE AND ULTRASOUND FLAW DETECTION SYSTEM

(51) International classification	:G01N 29/04	(71) Name of Applicant :
(31) Priority Document No	:2009-226599	1)MITSUBISHI HEAVY INDUSTRIES , LTD.
(32) Priority Date	:30/09/2009	Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/066930	1)MASAAKI TORICHIGAI
Filing Date	:29/09/2010	2)MIKIYASU URATA
(87) International Publication No	:WO 2011/040452	3)KIYOTAKA AOKI
(61) Patent of Addition to Application Number	:NA	4)SHINICHI TSUJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is intended to provide an ultrasound flaw detection device of an immersion-type that is inserted into a tube and is capable of moving smoothly within the tube just with water pressure, as well as an ultrasound flaw detection system. The ultrasound flaw detection device which detects abnormalities within the tube while moving in the tube by pressure of water flow, includes: an ultrasound flaw detector which is divided into a plurality of parts and includes an ultrasound probe 11 which emits an ultrasound wave from an inside of the tube to a tube wall and receives an echo signal to be received that is reflected from the tube wall, a pulser-receiver 12 which transmits a pulse signal to the ultrasound probe 11 and to which the received echo signal is inputted from the ultrasound probe 11, a memory unit 14 which stores the received echo signal inputted to the pulser-receiver 12, a control unit 15 which controls a transmitting timing of the pulse signal from the pulser-receiver 12 to the ultrasound probe 11 and controls writing of the received echo signal to the memory unit 14, and a power supply unit 19 which supplies power to the pulser-receiver 12; a flexible member 25 which connects the plurality of parts of the ultrasound flaw detector with each other; and a centering member 26 which keeps the ultrasound probe 11 approximately centered within the tube.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9884/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITION COMPRISING BIOACTIVE AMINO ACIDS AND/OR PEPTIDES AND MARINE OIL IN A STABLE OIL-IN-WATER EMULSION, AND THE USE OF SAID COMPOSITION AS A FUNCTIONAL OR THERAPEUTIC COMPOSITION

(51) International classification	:A61K 9/107
(31) Priority Document No	:20092564
(32) Priority Date	:06/07/2009
(33) Name of priority country	:Norway
(86) International Application No Filing Date	:PCT/NO2010/000271 :06/07/2010
(87) International Publication No	:WO 2011/005113
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)SMARTFISH AS

Address of Applicant :GAUSTADALLEN 21, N-0349 OSLO,
NORWAY

(72)**Name of Inventor :**

1)MATHISEN, JANNE SANDE

2)MATHISEN, HENRIK

(57) Abstract :

The present invention relates to food supplements. Particularly, the present relates to a composition comprising marine oil in a stable oil-in-water emulsion, further comprising at least one specific bioactive amino acid or peptide, or derivatives thereof. In addition, the present invention relates to a process for the production of said composition and the use of said composition as a functional or therapeutic composition.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9887/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CATALOG-BASED SOFTWARE COMPONENT MANAGEMENT

(51) International classification	:G06F 9/30
(31) Priority Document No	:12/484,394
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038590
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TRAUT, ERIC, P.

2)HAVENS, DARRYL, E.

3)BERNABEU-AUBAN, JOSE, MANUEL

4)BROWN, MARK, R.

5)WARD, RICHARD, B.

6)SINHA, SUYASH

7)ERDOGAN, TAHSIN

8)STRITZEL, ADAM, D.

9)CANTER, ADRIAAN, W.

(57) Abstract :

Multiple software component identifiers are maintained in a catalog of an operating system running on a device. Each of these software component identifiers corresponds to one of multiple software components installed on the device. The catalog is accessed in response to a request regarding one of the multiple software components, and the request is responded to based at least in part on information included in the catalog. Additionally, two or more versions of a software component that are installed on the computing device can be identified. Which one of the two or more versions of the software component is an active version of the software component to be run is determined. In response to requests for information regarding the software component, information regarding the active version of the software component is returned.

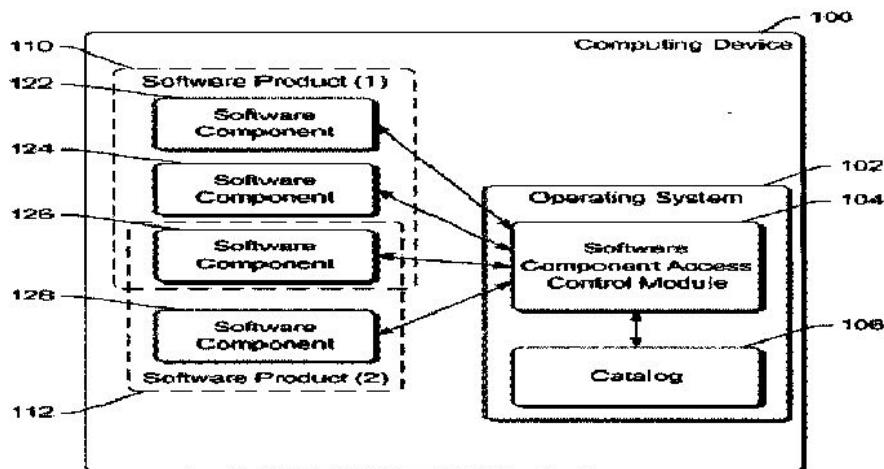


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9841/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TIRE

(51) International classification	:B60C 11/00
(31) Priority Document No	:2009-131626
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006362
Filing Date	:25/11/2009
(87) International Publication No	:WO 2010/137089
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YUKIHIRO KIWAKI

2)TAKAAKI KOJIMA

(57) Abstract :

A pneumatic tire (10) provided with a rib-like land portion (110) having first resonators formed therein, and also with a rib-like land portion (210) located, when the tire is mounted on a vehicle, on the side of the tire closer to the vehicle than the rib-like land portion (110) and having second resonators formed therein. Each of the first and second resonators includes an air chamber recessed inward in the radial direction of the tire, and also includes a narrow groove communicating with the air chamber and a circumferential groove. The volume of the air chamber of the first resonator is greater than the volume of the air chamber of the second resonator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9845/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD OF REDUCING MAPPING OF AN ELECTRODEPOSITABLE COATING LAYER

(51) International classification	:C25D 13/20
(31) Priority Document No	:61/187,298
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038617
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147945
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PPG INDUSTRIES OHIO, INC.

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(72)**Name of Inventor :**

1)KAYLO, ALAN J.

2)BOYD, DONALD W.

3)GRANT, GARRY R.

(57) Abstract :

The present invention is directed to a method for coating a substrate with a variety of coating compositions thereby reducing mapping of a coating composition deposited onto the substrate. In certain embodiments, the present invention is directed to the deposition of a zirconium based pretreatment composition onto a substrate with the subsequent deposition of an electrode-positable coating composition, which comprises a soluble alkaline earth metal ion, onto the pretreatment composition. The present invention is also directed to a coating system comprising various layers deposited from the coating compositions disclosed herein.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9846/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUBSTITUTED BENZOTRIAZINES AND QUINOXALINES AS INHIBITORS OF P70S6 KINASE

(51) International classification	:C07D 401/14
(31) Priority Document No	:0908905.3
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001036
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136755
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)BOYLE, ROBERT, GEORGE

2)WALKER, DAVID, WINTER

(57) Abstract :

The invention provides compounds of formula (I): or salts or tautomers thereof; X1 is N or N+(O); X2 is N or CH; Q is a C1-3 alkylene group; R1 is selected from hydrogen C1-4 hydrocarbyl and hydroxy-C2-4 hydrocarbyl; R2, R3 and R4 are the same or different and each is selected from hydrogen, fluorine, chlorine and methyl; Ar1 is an optionally substituted monocyclic 5 or 6-membered aryl or heteroaryl ring containing 0, 1 or 2 heteroatom ring members selected from O, N and S, or naphthyl ring and Ar2 is an optionally substituted monocyclic 5 or 6-membered heteroaryl ring containing 1, 2 or 3 heteroatom ring members selected from O, N and S. The compounds of formula (1) are inhibitors of p70S6 kinase and are useful in the treatment of proliferative disease.

No. of Pages : 110 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9849/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PASSIVE REUSE PREVENTION SYRINGE THAT USES A FLANGE LOCK

(51) International classification	:A61M 5/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/048895
Filing Date	:26/06/2009
(87) International Publication No	:WO 2010/151265
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BECTON, DICKINSON AND COMPANY

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(72)Name of Inventor :

1)WAYMAN, BRIAN H.

2)ODELL, ROBERT

3)CAIZZA, RICHARD, JAMES

4)BARANSKI, ANDRZEJ

(57) Abstract :

A syringe assembly includes a syringe barrel having an inside surface defining a chamber, an open proximal end, a distal end, and an outlet; a plunger assembly disposed at least partially within the syringe barrel, including an elongate plunger rod having a locking flange formed thereon; and a plunger head having a distal sealing surface, the plunger rod being engageable with the plunger head such that the plunger rod is adapted to move the plunger head within the chamber of the syringe barrel through an injection cycle; and a flange lock disposed at the open proximal end of the barrel. The flange lock is integral with the open proximal end of the syringe barrel. During the injection cycle, the flange lock engages the locking flange of the plunger rod so as to prevent removal of the plunger rod from the syringe barrel.

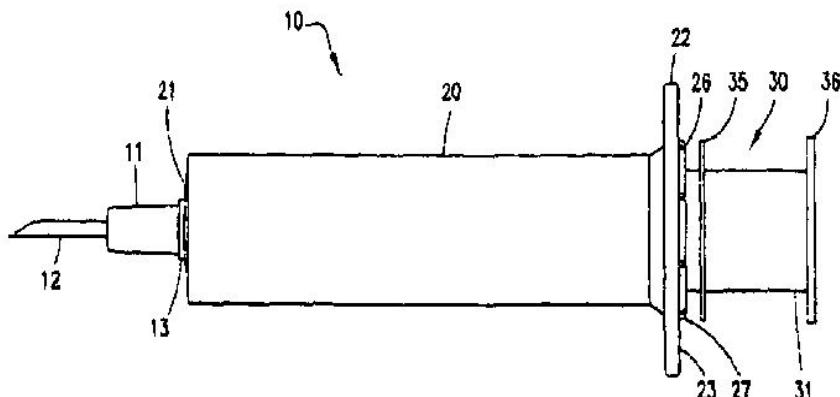


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9850/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DIODE AND PROCESS FOR MAKING AN ORGANIC LIGHT-EMITTING DIODE WITH A SUBSTRATE PLANARISATION LAYER

(51) International classification	:H01L 51/52
(31) Priority Document No	:0953963
(32) Priority Date	:15/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/058337
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/146027
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DUSSEURT VIDALET, BRUNO

2)BEN KHALIFA, MOHAMED

3)MONESTIER, FLORENT

4)CLOAREC, HELENE

(57) Abstract :

The patented describes an organic light-emitting diode (OLED) on a transparent substrate. It consists of a microcavity formed between a reflecting cathode and semi-reflecting anode. The microcavity includes multiple organic layers with at least one light-emitting layer. The OLED is characterized by a transparent planarisation layer between the substrate and an upper metallic layer forming the OLED semitransparent anode. The invention also describes a process for making such an OLED.

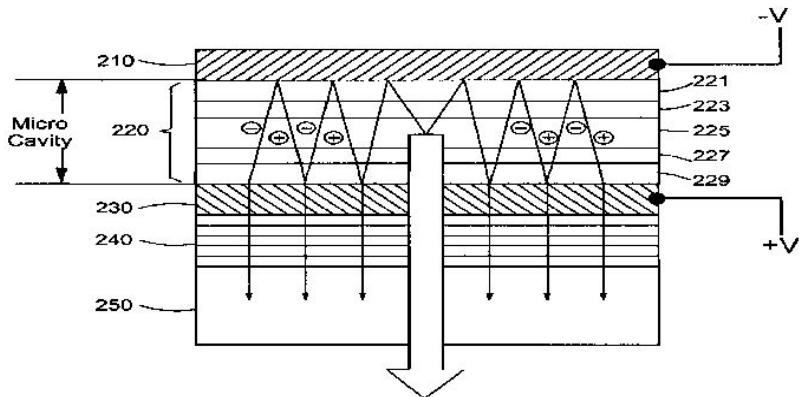


Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9888/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MOBILE COMMUNICATIONS DEVICE USER INTERFACE

(51) International classification	:G06F 3/048
(31) Priority Document No	:12/484,799
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038730
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/148030
(61) Patent of Addition to Application Number	:NA
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)KRUZENISKI, MICHAEL J.
- 3)WILSON, BRIAN M.
- 4)SMUGA, MICHAEL A.
- 5)APFEL, DARREN A.
- 6)HOFFMAN, NELL H.

(57) Abstract :

A mobile communications device user interface is described. In an implementation, a method is implemented by a mobile communications device that includes outputting a user interface having a portion that is configured to accept content. When an option is selected in relation to the portion to initiate a communication and the content includes one or more contacts, the communication is formed that includes the content and is automatically addressed to the one or more contacts.

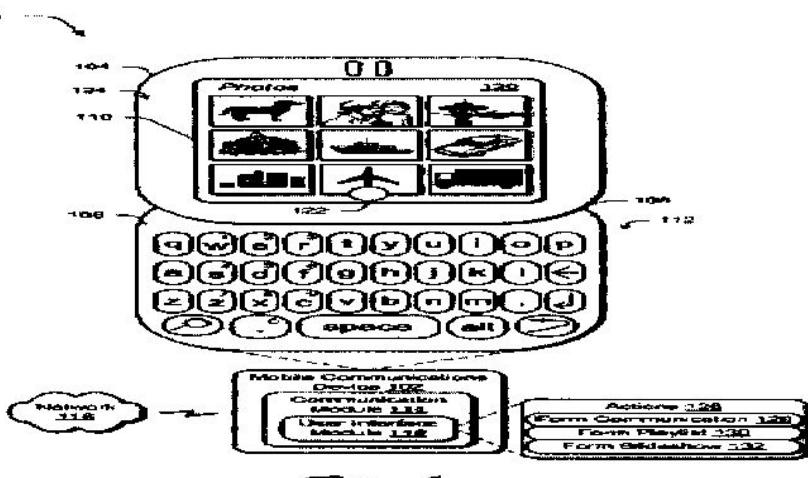


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9889/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VIEWER-CENTRIC USER INTERFACE FOR STEREOSCOPIC CINEMA

(51) International classification	:G06F 17/00
(31) Priority Document No	:12/485,179
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038913
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/148154
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

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(72)Name of Inventor :

1)ZITNICK III, CHARLES, LAWRENCE

2)RESSLER, BRYAN, K.

3)KANG, SING BING

4)COHEN, MICHAEL, F.

5)KOPPAL, JAGANNATHA

(57) Abstract :

Described is a user interface that displays a representation of a stereo scene, and includes interactive mechanisms for changing parameter values that determine the perceived appearance of that scene. The scene is modeled as if viewed from above, including a representation of a viewer's eyes, a representation of a viewing screen, and an indication simulating what each of the viewer eyes perceives on the viewing screen. Variable parameters may include a vergence parameter, a dolly parameter, a field-of-view parameter, an interocular parameter and a proscenium arch parameter.

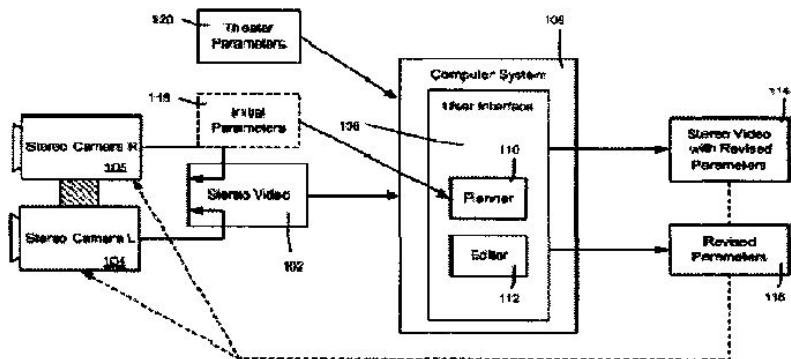


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9894/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SALE OF DOMAIN NAMES

(51) International classification	:G06F 15/173
(31) Priority Document No	:12/504,396
(32) Priority Date	:16/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041733
Filing Date	:12/07/2010
(87) International Publication No	:WO 2011/008705
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VERISIGN, INC.

Address of Applicant :21355 RIDGETOP CIRCLE, DULLES, VIRGINIA 20166, U.S.A.

(72)Name of Inventor :

1)ESSAWI TARIK R.

2)VERMACHNENI SRIKANTH

3)SHORTER WILL

4)KANE PAT

(57) Abstract :

A method of determining a multi-year renewal price for an expiring domain name includes setting a first selling price for the expiring domain name and determining that a first period of time has elapsed. The method also includes setting a second selling price for the expiring domain name. The second selling price is less than the first selling price. The method further includes determining the multi-year renewal price. A price for a first year is equal to the second selling price and a price for a second year is greater than the second selling price and less than or equal to the first selling price. Refer to Figure 1

Slot Number	Time Range (EST)	.COM Fee	.NET Fee
1	2:00pm to 4:59:59pm	\$6.42	\$3.85
2	5:00:00pm to 6:59:59pm	\$6.00	\$3.00
3	7:00:00pm to 8:59:59pm	\$5.00	\$2.50
4	9:00:00pm to 10:59:59pm	\$4.00	\$2.00
5	11:00:00pm to 11:59:59pm	\$3.00	\$1.50

FIG. 1

No. of Pages : 34 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9896/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PREDICTING DOMAIN NAME REGISTRATION RENEWAL PROBABILITY

(51) International classification	:G06F 15/173
(31) Priority Document No	:12/503,811
(32) Priority Date	:15/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/041849 :13/07/2010
(87) International Publication No	:WO 2011/008772
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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Address of Applicant :21355 RIDGETOP CIRCLE, DULLES,
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- 1)SIMPSON, ANDREW W.
- 2)HOLMES, ALEXANDER D
- 3)SHYAMSUNDER, KARTHIK
- 4)SUNKARA, SRINIVAS
- 5)ORENTAS, LEONARD

(57) Abstract :

A method for determining probability of a domain name registration renewal includes receiving a plurality of inputs associated with the domain name and assigning each of the plurality of inputs to at least one category from among a plurality of categories. The method also includes assigning a weighted value to each of the plurality of categories and calculating the probability of the domain name registration renewal based in part on the weighted value of each category. Refer to Figure 1

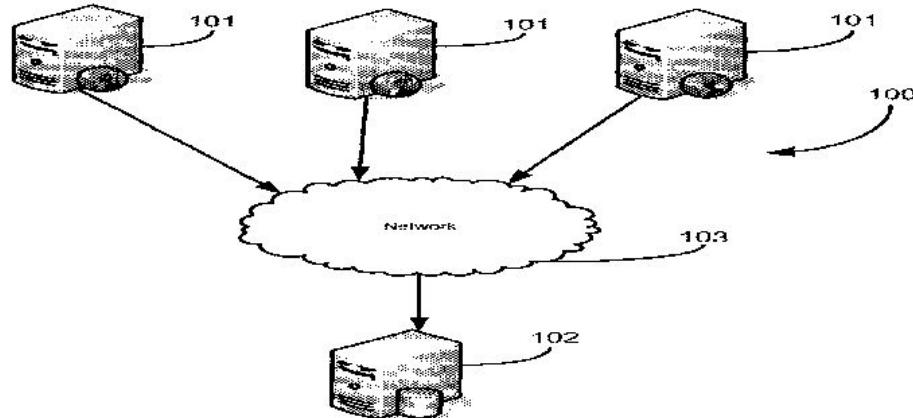


FIG. 1

No. of Pages : 32 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9897/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SURFACE DECONTAMINATION OF PREFILLED CONTAINERS IN SECONDARY PACKAGING

(51) International classification	:A61L 2/00
(31) Priority Document No	:09165456.6
(32) Priority Date	:14/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060011
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/006877
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)SIGG JURGEN

(57) Abstract :

Methods and systems for the terminal sterilization and surface decontamination of prefilled containers containing sensitive drug products, such as biotech drug products that are otherwise temperature or radiation sensitive, and thus not suitable for terminal sterilization by classical methods involving steam or gamma rays. The methods and systems are especially suited for prefilled containers in secondary packaging. Methods include terminal sterilization by exposing prefilled containers in secondary packaging to tunable-beta radiation and further include terminal sterilization by exposing prefilled containers to controllable vaporized-hydrogen peroxide, including application of measures to reduce or prevent diffusion of vaporized-hydrogen peroxide into prefilled containers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.99/DELNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS CONTAINING PROPIONIC PRESERVATIVE COMPONENTS

(51) International classification	:A61K 9/00	(71) Name of Applicant :
(31) Priority Document No	:61/221,578	1)ALLERGAN INC.
(32) Priority Date	:30/06/2009	Address of Applicant :2525 DUPONT DRIVE, T2-7H, IRVINE, CA 92612, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/040148	1)OREST OLEJNIK
Filing Date	:28/06/2010	
(87) International Publication No	:WO 2011/002698	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides ophthalmic compositions preserved using propionic preservative components alone or in combination with at least one additional preservative. In particular, an improvement in anti-microbial activity against bacteria is seen in addition to activity specific to fungal organisms and/or mold.

No. of Pages : 14 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9902/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MAST ASSEMBLY FOR WIND TURBINE

(51) International classification	:E04H 12/00
(31) Priority Document No	:61/178,682
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000719
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/130039
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)REDRIVEN POWER INC.

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ONTARIO K0E 2K0, CANADA

(72)Name of Inventor :

1)GRANT, CHRISTOPHER, BERNARD

(57) Abstract :

A mast assembly having a base, and a mast pivotally connected to the base for movement between a horizontal and an upright position. A linear actuator is connected between the base and the mast and is extensible to move mast about the pivot. A strut is selectively positioned between the mast and the base to inhibit pivotal movement toward the horizontal position during lifting of the mast. A plurality of abutments on the base permits selective connection between the actuator and the base. The strut position supports the mast while said actuator is moved between the abutments.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9909/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TRIAZINE DERIVATIVES AND THEIR THERAPEUTICAL APPLICATIONS

(51) International classification	:A01N 43/66
(31) Priority Document No	:61/185,052
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037570
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/144338
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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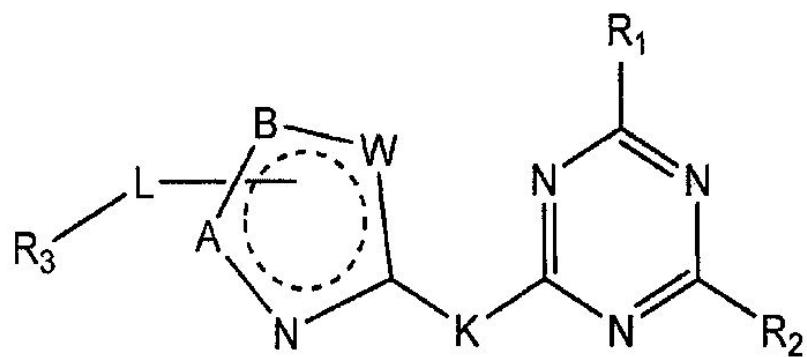
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(72)Name of Inventor :

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- 2)WANG, QINWEI
- 3)NALLAN, LAXMAN
- 4)POLAT, TULAY
- 5)KORONIAK, LUKASZ
- 6)DESAI, NEIL

(57) Abstract :

The present invention comprises inter alia compounds as shown in formula (I) or a pharmaceutically acceptable salt thereof.



(I)

No. of Pages : 179 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9914/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANTIMICROBIAL POLYMERS

(51) International classification	:C07D 307/06
(31) Priority Document No	:61/185,035
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037685
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/144386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)AHMAD E. MADKOUR

3)KAREN LIENKAMP

4)ALHLAN MARIE MUSANTE

(57) Abstract :

The invention generally relates to novel polymers (SMAMPs) and their syntheses and use. The polymers exhibit promising properties of AMPs, In particularly, for example, a ring-opening metathesis polymerization (ROMP) platform was developed that allows syntheses of SMAMPs that employ a minimum number of norbornene-based building blocks and/or enable easy and independent variation of hydrophobic and hydrophilic groups in the monomer units and/or along the polymeric backbone to finetune and select desirable properties of the polymers.

No. of Pages : 147 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9916/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CAMSHAFT DEVICE, ENGINE WITH SAME, AND METHOD FOR MANUFACTURING CAMSHAFT DEVICE

(51) International classification	:F01L 1/04	(71) Name of Applicant :
(31) Priority Document No	:2009-145416	1)JTEKT CORPORATION
(32) Priority Date	:18/06/2009	Address of Applicant :5-8, MINAMISEMBA 3-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 5428502, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/058439	1)KAZUKI HAMADA
Filing Date	:19/05/2010	2)HIROSHI UENO
(87) International Publication No	:WO 2010/146959	3)ISAO USUKI
(61) Patent of Addition to Application Number	:NA	4)KUNIO YANAI
Filing Date	:NA	5)HIRONORI HIRAOKA
(62) Divisional to Application Number	:NA	6)KOTARO YAMASHITA
Filing Date	:NA	7)HIROSHI SATOU
		8)TAKAAKI IKEDA
		9)RYO OONISHI

(57) Abstract :

A camshaft device (10) includes a camshaft (11) onto which a cam (18) is fitted; a plurality of rolling bearings (12) that are fitted at intervals in an axial direction onto this camshaft (11); and a support frame (13) that is mounted on a cylinder head (15) of an engine, and that has a plurality of bearing holes (25) which are formed on the same axis and into which the rolling bearings (12) fitted, and that rotatably supports the camshaft (11) via the rolling bearings (12) that are fitted into the bearing holes (25). The support frame (13) is formed by connecting a plurality of split bodies (27), (28) together, and the plurality of split bodies (27), (28) includes a first split body (27) on which a plurality of first concave portions (29) that form half of the bearing holes (25) is integrally formed, and a second split body (28) on which a plurality of second concave portions (30) that form the other half of the bearing holes (25) is integrally formed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.9920/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ORTHOPAEDIC IMPLANT AND FASTENER ASSEMBLY

(51) International classification	:A61B 17/76
(31) Priority Document No	:61/222,078
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040631
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/002903
(61) Patent of Addition 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 SANDERS

(72)Name of Inventor :

1)KOHSUKE WATANABE

2)ROY SANDERS

(57) Abstract :

Treating fractures using one or both of an implant, such as an intramedullary nail, and a fastening assembly, such as a lag screw and compression screw assembly. The implant in some implementations has a proximal section with a transverse aperture having a non-circular cross-section that may be shaped to selectively constrain the fastening assembly within the transverse aperture. Two or more components of the fastening assembly may be received to slide, in a controlled way, in the transverse aperture of the implant, and to cooperate to resist a force moment applied thereto.

No. of Pages : 63 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9484/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROTHROMBIC COMPLEX COMPOSITION

(51) International classification	:C12N 9/64
(31) Priority Document No	:FR 0902723
(32) Priority Date	:05/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/52497
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/140140
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHABBAT, JACQUES

(57) Abstract :

The present invention relates to a method for preparing a composition or a concentrate of a prothrombic complex that includes the II, VII, IX and X coagulation factors, wherein said method includes the steps of providing a supernatant of a plasma cryoprecipitate, applying said supernatant on an anion-exchange resin in order to produce an eluate containing said complex and proteins having a high molecular weight, and applying said eluate on a hydroxyapatite column in order to produce a second eluate containing said complex. The invention also relates to a composition that can be produced by said method.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9487/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ACCESSIBLE DISPLAY IN DEVICE WITH CLOSED LID

(51) International classification	:G06F 1/16
(31) Priority Document No	:12/752,733
(32) Priority Date	:01/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/030409
Filing Date	:30/03/2011
(87) International Publication No	:WO 2010/123480
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, U.S.A.

(72)Name of Inventor :

1)OAKLEY, NICHOLAS

(57) Abstract :

Disclosed are electronic devices whereby a main display may be used even when the device is in a closed-lid position. In some embodiments, a window (display portion opening) may be provided in the device housing so that a portion of the display may be viewed when the lid is closed.

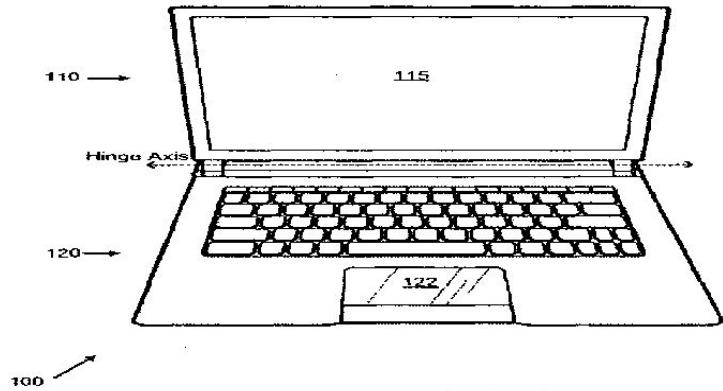


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.9489/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ONE OR MORE OF VIGNA MARINA, COCOS NUCIFERA L. OR TERMINALIA CATAPPA L. EXTRACTS FOR TREATING WOUNDS, SKIN DISORDERS AND HAIR LOSS

(51) International classification	:A61K 36/48
(31) Priority Document No	:2009901952
(32) Priority Date	:04/05/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000519
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/127396
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CIMTECH PTY LIMITED

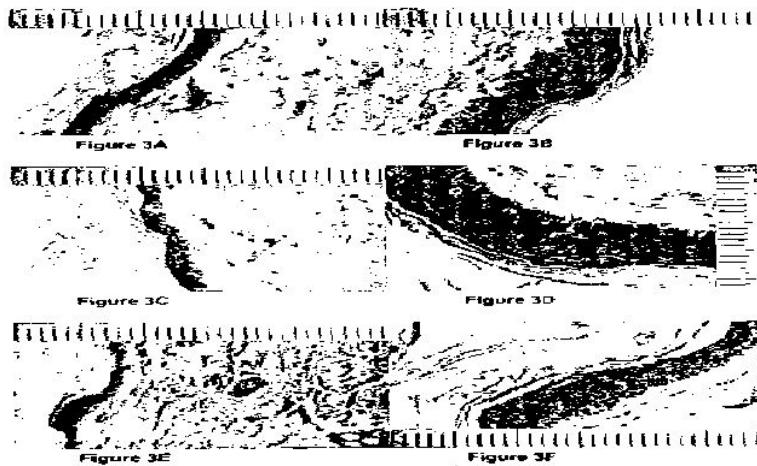
Address of Applicant :C/-LAWLER PARTNERS, 763 HUNTER STREET, NEWCASTLE WEST, NEW SOUTH WALES 2302,

(72)**Name of Inventor :**

1)MATHESON, GRAHAM

(57) Abstract :

Biologically active extracts of one or more of Vigna marina (Burm.) Merr., Cocos nucifera L., or Terminalia catappa L. and compositions comprising one or more of the extracts are described. The invention also provides therapeutic and cosmetic uses of the extracts and compositions, in particular for promoting wound healing and for the treatment of skin disorders.



No. of Pages : 40 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9869/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ENERGY SAVINGS WITH OPTIMIZED MOTION PROFILES

(51) International classification	:B66B 1/06
(31) Priority Document No	:PCT/US2009/050730
(32) Priority Date	:15/07/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/US2009/050730
Filing Date	:15/07/2009
(87) International Publication No	:WO 2011/008207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FARGO RICHARD N.

2)PULLING RICHARD K.

(57) Abstract :

An elevator system includes a car, a hoist motor for elevating and lowering the car, a brake for limiting car movement, an input device for selecting a destination for a run, and a controller. The controller receives a command from the input device and controls operation of the hoist motor and the brake. The controller has a loss reduction mode wherein the controller selects a velocity profile for the run that varies according to car load, run direction, and run distance to reduce a combined set of energy losses for the run.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.9872/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PYRAZINE CARBOXAMIDES AS INHIBITORS OF DGAT1

(51) International classification	:C07D 241/24
(31) Priority Document No	:61/218,539
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/051003
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/146395
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASTRAZENECA AB

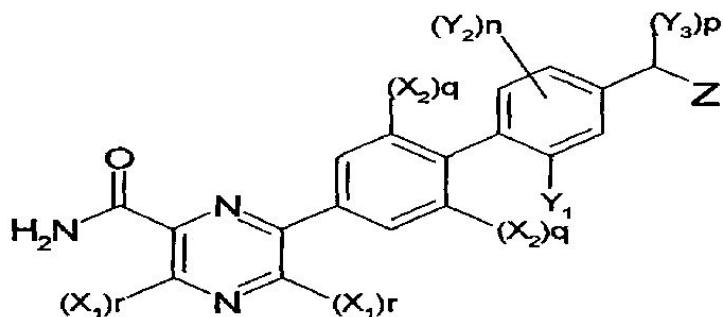
Address of Applicant :SE-151 85 SODERTAJIE, SWEDEN

(72)Name of Inventor :

- 1)ALAN MARTIN BIRCH
- 2)ROGER JOHN BUTLIN
- 3)LEONIE CAMPBELL
- 4)CLIVE GREEN
- 5)ANDREW LEACH
- 6)PAUL MICHAEL MURRAY
- 7)PER OLOF RYBERG
- 8)MICHAEL JAMES WARING

(57) Abstract :

DGAT-1 inhibitor compounds of formula (I), pharmaceutically-acceptable salts and prodrugs thereof are described, together with pharmaceutical compositions, processes for making them and their use in treating, for example, obesity wherein, for example, r is 0 or 1 and X1 is linear (1-3C)alkyl; q is 0 or 1 and X2 is fluoro, chloro or (1-3C)alkyl; Y1 is selected from fluoro, chloro, bromo, cyano, (1-3C)alkyl and (1-2C)alkoxy; n is 0, 1 or 2 and Y2 is fluoro, chloro or (1-3C)alkyl; p is 0, 1 or 2 and Y3 is (1-3C)alkyl or forms a (3-5C)cycloalkyl ring; Z is carboxy or - CONHSO2Me or -CONRbRc wherein Rb and Rc are independently selected, for example, from hydrogen and (1-4C)alkyl or Rb and Rc are linked so as to form a morpholine ring or a (4-6C)heterocyclic ring and when Z is - CONRbRc the Rb and Rc groups may be optionally substituted by carboxy.



(I)

No. of Pages : 132 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9851/DELNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ENANTIOMERS OF SPIRO-OXINDOLE COMPOUNDS AND THEIR USES AS THERAPEUTIC AGENTS

(51) International classification	:C07D 491/22
(31) Priority Document No	:61/221,424
(32) Priority Date	:29/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040187
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/002708
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)XENON PHARMACEUTICALS

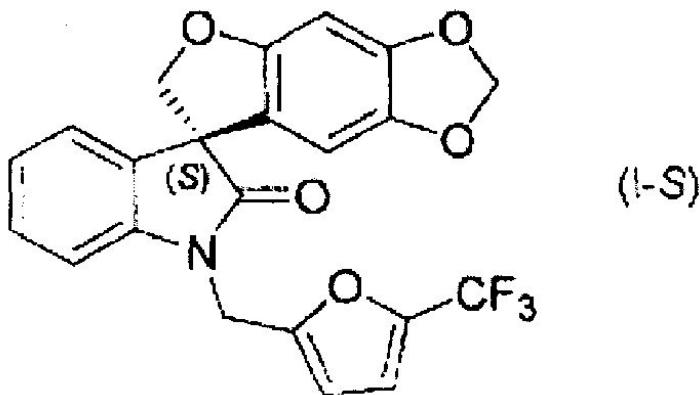
Address of Applicant :3650 GILMORE WAY, BURNABY, BRITISH COLUMBIA V5G 4W8 CANADA

(72)Name of Inventor :

1)CHAFEEV, MIKHAIL
2)FU, JIANMIN
3)CADIEUX, JEAN-JACQUES

(57) Abstract :

This invention is directed to the (S)-enantiomer of the compound of formula (I) or a pharmaceutically acceptable solvate or prodrug thereof. This (S)-enantiomer is useful for the treatment of diseases or conditions, such as pain, which are ameliorated or alleviated by the modulation of voltage-gated sodium channels.



No. of Pages : 67 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2037/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF LAPATINIB AND NOVEL INTERMEDIATES THEREOF

(51) International classification	:C07D239/72, C07D239/94
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)INTAS PHARMACEUTICALS LIMITED

Address of Applicant :INTAS PHARMACEUTICALS
LIMITED, 2ND FLOOR, CHINUBHAI CENTRE, ASHRAM
ROAD, AHMEDABAD 380009.GUJARAT.INDIA

(72)Name of Inventor :

- 1)BONDGE SANDIPAN PRABHURAO**
 - 2)EKBOOTE MAHESH PURUSHOTTAM**
 - 3)PAREKH MITHUN NARANDAS**
 - 4)KAPADIA BRIJESH NITINKUMAR**
 - 5)PANCHAL JIGNESH RAMESHBHAI**
 - 6)DESAI SANJAY JAGDISH**
-

(57) Abstract :

Disclosed herein is a process for preparation of lapatinib and novel intermediates thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2053/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A CARTON

(51) International classification	:B65B35/00	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED Address of Applicant :165-166 BACKBAY RECLAMATION,MUMBAI-400 020, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a carton for packing leaf tea products. Reduction of the use of materials is highly desired for environmental reasons. Reducing the amount of packaging material is not only more sustainable, but also cost effective. It is an object of the present invention to provide a carton for packing leaf tea products with significantly less material consumption than either bag-in-a-box type configuration or cartons for packing liquid materials. The present inventors have surprisingly found that a carton which is formed from a single piece of composite comprising polyethylene terephthalate as the outer-layer, polyethylene as the inner-layer and paper board as a middle layer is capable of storing non-liquid food products like tea leaf without compromising the product quality and at the same time consumes less material than existing cartons.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2054/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TRP MEASUREMENT SYSTEM BASED UPON DTH SERVICE

(51) International classification	:H04H40/90, H04H60/31, H04H60/43	(71) Name of Applicant : 1)PAKHALE ANIL DIGAMBAR Address of Applicant :A/P- NAGTHANE, TAL- PALUS, DIST- SANGLI, MAHARASHTRA India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PAKHALE ANIL DIGAMBAR
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In this invention interactive Set Top Box is having TRP Monitor software & digital signal transceiver. TRP Monitor software collects TV viewership data & store in his memory and after every hour it transmit that data towards Regional Data Collecting Center by using Return path of Set Top Box . The main Server of this measurement system can collects Viewership data by its connectivity of VPN . Additionally By the using of infrastructure of this invention we can provide services as follows - 1. Send Important message . 2 . viewer can get ANY MOVIE ON DEMAND by sending message of Name of the movie . 3 . Internet on TV. 4 . Subscription of value added services . 5 . Release of Movie on Direct TV .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2067/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR DIFFERENTIATING TEXTUAL INFORMATION EMBEDDED IN STREAMING NEWS VIDEO

(51) International classification	:G06F3/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)CHATTOPADHYAY TANUSHYAM
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The application provides a method and system for differentiating textual information embedded in a streaming news video. The application enables a method and system for differentiating textual information embedded in a streaming news video for simplified indexing and annotation of the said news video.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2068/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROPER DEVELOPMENT WITH NATURE BALANCE

(51) International classification	:A01G23/00	(71) Name of Applicant : 1)DILIP MOHAN VIRNODKAR Address of Applicant :DILIP MOHAN VIRNODKAR A-103, PARADISE PALACE, NR. LPC HOSPITAL,NA MADA HIGHWAY RD., CHARMALAYA, RATNAGIRI 415039 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)DILIP MOHAN VIRNODKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A structural solution for aiding water flow, said solution comprises: at least a duct adapted to be built at pre-defined locations and in a pre-defined manner, said duct being adjacent a water channel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2069/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SEALING FOR HEAT EXCHANGER DEVICE FOR MOTOR VEHICLE

(51) International classification	:F16L37/098, F28F9/04, F28F9/06, :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)BEHR INDIA LTD. Address of Applicant :GATE NO.626/1/2 & 622/1/0,29TH MILESTONE, PUNE-NASIK HIGHWAY,VILLAGE KURULI,TALUK KHED, PUNE- 410501,MAHARASHTRA,INDIA. (72) Name of Inventor : 1)PARMESHWAR KSHITIKESH 2)AHMED MUDASSIR 3)DESHMUKH NILESH
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(57) Abstract :

A sealing arrangement for a heat exchanger device for motor vehicle, comprising: a condenser core (1), a plurality of sealings (2, 3, 4) assembled to said condenser core, a plurality of plastic seal frames (5) configured with hinges and sliders (6), a plurality of snap fittings (9) configured to fit onto manifolds of said condenser core (1), wherein, said condenser core (1) is provided with means for positioning of said sealings (2, 3, 4) onto manifolds (7, 8) of the condenser of the motor vehicles, and said means is either a hydraulically or mechanically or electrically or electronically operated device for optimizing the sealing performance thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2010

(21) Application No.1040/MUM/2010 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MECHANISM FOR ALIGNMENT OF SECONDARY ISOLATING CONTACTS IN A CIRCUIT BREAKER

(51) International classification	:H01H 71/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, P.O. BOX NO. 278, MUMBAI, 400 001, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)DINESH R KANNADKAR 2)RAJESH S LONDHE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a pad locking assembly for a safety shutter mechanism for modules of switch boards. A pad locking assembly includes a padlock lever comprising at least one limb at a center leading in to the housing mechanism of a safety shutter to lock the movement, at least one end of the pad lock lever is provided with an extrusion for locking the safety shutter and a projection is provided at the other end of the pad lock lever for fixing the pad lock lever to the tray. The safety shutter assembly is mounted above the tray and the pad lock assembly is mounted below the tray.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2051/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTIVALENT VACCINE COMPOSITION HAVING INCREASED STABILITY AND ACTIVITY.

(51) International classification	:A61K39/095, A61K39/102, A61K39/116	(71) Name of Applicant : 1)BIOBRIDGE HEALTHCARE SOLUTIONS PVT LTD. Address of Applicant :13,RACHNA BLOSSOM ,JAGDISH NAGAR, AUNDH,PUNE 411 007 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KUMRAJ GANESH
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is to overcome the drawbacks of the prior methods for attempting preparation of multivalent vaccine which has less stability and to provide a process for the preparation of multivalent adjuvant based vaccine having multivalent antigenic composition comprising recombinant Hepatitis B, Diphtheria toxoid, Tetanus toxoid, whole cell pertussis vaccine and Haemophilus type b Conjugate vaccine. The present invention is also to provide a multivalent adjuvant based vaccine having antigenic composition comprising recombinant Hepatitis B, Diphtheria toxoid, Tetanus toxoid, whole cell pertussis vaccine and Haemophilus type b conjugate vaccine stable for one month at 37°C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2066/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR DETECTING BOUNDARY OF COARTICULATED UNITS FROM ISOLATED SPEECH

(51) International classification	:G10L11/00, G10L11/02, G10L15/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR, NARIMAN POINT,MUMBAI 400021, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SYED MOHD BILAL ARIF
(33) Name of priority country	:NA	2)SINHARAY ARIJIT
(86) International Application No Filing Date	:NA	3)CHATTOPADHYAY TANUSHYAM
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The application provides a method and system for determinism in non-linear systems for speech processing, particularly automatic speech segmentation for building speech recognition systems. More particularly, the application enables a method and system for detecting boundary of coarticulated units from isolated speech using recurrence plot.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2073/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A NOVEL SUPERABSORBENT HYDROGEL AND PROCESS TO PREPARE THE SAME

(51) International classification	:B01J20/26, B01J20/30, C07K1/107	(71) Name of Applicant : 1)TELI MANGESH DHONDU Address of Applicant :DEPARTMENT OF FIBERS AND TEXTILE PROCESSING TECHNOLOGY,INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY),NATHALAL PAREKH MARG, MATUNGA (EAST),MUMBAI 400 019,MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)TELI MANGESH DHONDU
(61) Patent of Addition to Application Number	:NA	2)WAGHMARE NLESH GURULING
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The graft copolymerization of acrylamide (AM) on to Pullulan polymer using ammonium per sulfate (APS) as an initiator, N,N,N',N' Tetramethylethylen diamine (TEMED) as a activator and N, N'-Methylene bis-acrylamide (MBS) as a crosslinker in aqueous media has been carried out to obtain a super absorbent. The product so formed was saponified with NaOH, dried and finely powdered sample was characterized using FT-IR, TGA, and SEM. Product showed maximum water absorbency of 100-700 g/g, and salt solution absorbency (NaCl) 80 g/g.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.2076/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF RETIGABINE OF THE FORMULA I AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification	:C07C269/04, C07C269/06, C07C271/28	(71) Name of Applicant : 1)ARCH PHARMLABS LIMITED Address of Applicant :H WING,4TH FLOOR,TEX CENTRE,OFF SAKI VIHAR ROAD,CHANDIVALI,ANDHERI(EAST), MUMBAI-400 072,MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MANDAL ARUN KANTI
(33) Name of priority country	:NA	2)RANBHAN KAMLESH JAYANTILAL
(86) International Application No	:NA	3)SAXENA SUDHANSU
Filing Date	:NA	4)GAIKWAD SANJAY RAMRAO
(87) International Publication No	: NA	5)SARJEKAR PUSHPALATA BALKRISHNA
(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 process for the preparation of 2-amino-4-(4-fluorobenzylamino)-l-ethoxycarbonylaminobenzene generically known as Retigabine of the formula (I) and its pharmaceutically acceptable salts e.g. Formula IA, particularly to the modification over the prior art processes-I and II disclosed therein in US5384330. The modifications are depicted in the scheme I and scheme II respectively. Disclosed herein are also the novel processes for the preparation of intermediates of formulae M, N and O of the process-I and of formulae R, S, T of process-II, those are used for preparation of Retigabine of the formula I and its pharmaceutically acceptable salts thereof.

No. of Pages : 76 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2057/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LIQUID ORAL SPRAY DOSAGE FORM CONTAINING DONEPEZIL

(51) International classification	:A61K31/445	(71) Name of Applicant : 1)LINCOLN PHARMACEUTICALS LIMITED Address of Applicant :LINCOLN HOUSE,SCIENCE CITY ROAD, SOLA,AHMEDABAD-380 060, GUJARAT,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PATEL , RAJNIKANT GULABDAS
(87) International Publication No	:N/A	2)PATEL , JIGAR HASMUKHBHAI
(61) Patent of Addition to Application Number	:NA	3)SHAH , ARUN CHIMANLAL
Filing Date	:NA	4)NAIK , SHARDUL ARUNKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an oral spray composition comprising donepezil hydrochloride intended to increase the oral bioavailability and to bypass hepatic metabolism.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2058/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD OF MANAGING CHEMOTHERAPY INDUCED ALOPECIA OR CACHEXIA OR BOTH.

(51) International classification	:A61K38/22, A61P17/14, C07K14/575	(71) Name of Applicant : 1)INDUS BIOTECH PRIVATE LIMITED Address of Applicant :1 Rahul Residency Plot Nos. 6 & 7 Off Salunke Vihar Road Kondhwa Pune 411 048 Maharashtra India.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SUNIL BHASKARAN
(33) Name of priority country	:NA	2)MOHAN VISHWARAMAN
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present disclosure is related to management of chemotherapy induced side effects namely cachexia and alopecia by administering a pharmaceutical composition comprising pentameric type A procyanidin flavonoid, trimeric procyanidin flavonoid and tetrameric procyanidin flavonoid, optionally along with pharmaceutical excipients.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2059/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INTEGRATED MUFFLING ACCUMULATOR

(51) International classification	:F25B43/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Videocon Industries Ltd (Compressor-Division)
(32) Priority Date	:NA	Address of Applicant :14 Kms.stone village Chitegaon
(33) Name of priority country	:NA	Ta.Paithan Dist.Aurangabad Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. NITIN M SHEWALE
(87) International Publication No	: NA	2)Mr. DATTU KUMAR GAJADA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In view of the foregoing, embodiment herein provides an integrated muffling accumulator assembly, wherein the integrated muffling accumulator assembly comprises a upper part, a bottom part, a middle part, an inlet port for receiving lubricant-refrigerant mixture in the assembly, and an outlet port for egressing refrigerant from the assembly, wherein the integrated muffler accumulator 5 middle part comprises a front middle part, a back middle part, an inlet means for receiving the lubricant-refrigerant mixture, an outlet means for egressing the refrigerant and plurality of accumulation port for accumulating lubricant at the integrated muffler accumulator bottom part, wherein the middle part is configured to flow the lubricant10 refrigerant mixture in a defined path such that the lubricant is separated from the mixture and passes through the accumulation port into the integrated muffler accumulator bottom part, and the separated refrigerant egress from the outlet means. A method for separating oil from mixture is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2070/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VISCOUS FLUID DISPENSING MACHINE

(51) International classification	:A22C11/02, A22C11/06, B65B3/32	(71) Name of Applicant : 1)BHALWANKAR PRADEEP Address of Applicant :TWIN ENGINEERS PVT.LTD. J-524, BHOSARI, PUNE, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BHALWANKAR PRADEEP
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A fluid dispensing machine is disclosed wherein a viscous fluid contained in a barrel (12) is transferred to a heat exchanger (16) by means of a screw type progressive cavity pump (14). The fluid is heated to a predetermined temperature in the heat exchanger (16). The heated fluid from the heat exchanger (16) is dispensed from the heat exchanger for use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2071/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POROUS FIBRES AND PROCESS FOR PREPARING THE SAME

(51) International classification	:B01D15/08, B01D67/00, B01D69/08	(71) Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR MAKER CHAMBER-IV 222, NARIMAN POINT MUMBAI-400021, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SREEKUMAR THALIYIL VEEDU
(33) Name of priority country	:NA	2)ANIL KRISHNA KELKAR
(86) International Application No Filing Date	:NA	3)BHAWNA BANWARI
(87) International Publication No	:N/A	4)PRASAD SURESH UPASANI
(61) Patent of Addition to Application Number Filing Date	:NA	5)UDAY SHANKAR AGARWAL
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a nano-porous synthetic fiber/yarn selected from the group consisting of polyester, co-polyester, nylon 6 and nylon 66. The present invention also provides a process for the preparation of a nano-porous synthetic fiber/yarn.

No. of Pages : 42 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.2086/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CORPORATE ANNOUNCEMENT GENERATION

(51) International classification	:H04M3/533	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GUPTA Devesh
(87) International Publication No	: NA	2)AGARWAL Rahul
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods related to generating corporate announcements. In one implementation, the method comprises capturing, by a computing device, corporate action information corresponding to at least one corporate action from at least one corporate news source. The method further comprises comparing the corporate action information with another corporate action information, captured from at least one other corporate news source, corresponding to the at least one corporate action. Based on the comparison, a relevance factor is evaluated. The relevance factor is indicative of completeness and accuracy of a composite corporate action information obtained by combining the corporate action information and the another corporate action information. The method furthermore comprises generating a corporate announcement, based on the relevance factor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2011

(21) Application No.2089/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONTENT BASED VIDEO RETRIVAL USING EMPTY, EDGE DETECTION, BLACK AND WHITE COLOR FEATURES

(51) International classification	:H04N7/32	(71) Name of Applicant : 1)A.V Deorankar Address of Applicant :Computer science and engineering Department Government College of Engineering Kathora Naka VMV Post Amravati - Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

Large and rapid growth of multimedia data needs effective retrieval systems. Traditional retrieval methods however fail to meet technical challenges for video retrieval. In this paper we propose integration of entropy and black and white points features of video frames for effective video retrieval our systems. First, video feature database is created using entropy feature extracted from index video frames of different videos. Same features are extracted from video frame query in addition to black and white points on the edge of frame. Finally similarity measure is applied to retrieve the best matching frames and corresponding videos are presented as output. The experimental results show that feature integration is effective.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2143/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POWER SEMICONDUCTOR MODULE COMPRISING AT LEAST ONE POSITIONING DEVICE FOR A SUBSTRATE

(51) International classification	:H01L23/49	(71) Name of Applicant : 1)SEMIKRON ELEKTRONIK GMBH & CO. KG Address of Applicant :SIGMUNDSTRASSE 200, 90431 NUERNBERG,GERMANY
(31) Priority Document No	:102010038723.1	
(32) Priority Date	:30/07/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MARCO LEDERER
(87) International Publication No	:N/A	2)RAINER POPP
(61) Patent of Addition to Application Number	:NA	3)N/A
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a power semiconductor module comprising a frame- or cup-like housing and having at least one cutout for at least one substrate. Said substrate is embodied is only as a switching substrate or as a baseplate with at least one switching substrate arranged thereon. Furthermore, the housing has in said cutout at least one positioning device having a resilient section and a contact element, wherein the at least one contact element bears against an assigned side area of the substrate in a force-locking manner and thus exerts pressure thereon.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2010

(21) Application No.452/MUM/2010 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SOFT GELATIN PASTILLES

(51) International classification	:A61K9/20, A61K31/465	(71) Name of Applicant : 1)THAKKAR JATIN VASANT Address of Applicant :L-3/4 EDEN HALL, DR.ANNIE BESANT ROAD, WORLI,MUMBAI 400 018, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)THAKKAR JATIN VASANT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to soft pastilles for nicotine replacement therapy, said pastille comprises about 0.05% to about 1% of nicotine active; about 5 % to about 40 % of gelling agent; about 30 % to about 70 % of plasticizer; about 0.05 % to about 10 % of sweetener; 0.5% to about 30 % of releasing agent; about 0.05% to about 2% of preservative; about 0.01% to 5% of flavouring agent; and about 5% to about 20% of water.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.605/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR AD HOC VENUE-CAST SERVICE□

(51) International classification	:H04L 12/18
(31) Priority Document No	:12/569,734
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050586
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/041328
(61) 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

United States of America

(72)**Name of Inventor :**

1)GUO Jiming

2)HUANG William Y.

3)FAN Michael M.

4)ZHU Xiaoyi

5)GROB Matthew S.

(57) Abstract :

A method apparatus and system for providing ad hoc venue-cast content to a plurality of receiving access terminals within a venue boundary. Ad hoc content may be generated at an access terminal (201) transmitted to a venue-cast server (204 205) and broadcast to a plurality of venue-cast receiving access terminals (207) within a venue. In addition to broadcasting the ad hoc content a notification is given to the plurality of receiving access terminals notifying them regarding the availability of the ad hoc content.

No. of Pages : 47 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.606/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AUTOMATED EXTERNAL DEFIBRILLATOR DEVICE WITH INTEGRATED MOBILE STATION MODEM□

(51) International classification	:A61N 1/39
(31) Priority Document No	:12/554,975
(32) Priority Date	:07/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048009
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/029101
(61) 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
United States of America

(72)Name of Inventor :

1)TUYSSERKANI Bijan B.

(57) Abstract :

An automatic external defibrillator (AED) includes an integral wireless modem configured so that upon activation the AED automatically connects to a wireless network and reports the event to an emergency services center or remote server to call for an ambulance. The activation report may be accomplished by calling an emergency services center and playing a prerecorded voice message that includes AED location information. Alternatively the activation report may be transmitted via a wireless data network to a remote server which routes the information to appropriate authorities. After the activation report is transmitted the AED may transmit patient and treatment data to the server. The AED may include a speaker

No. of Pages : 59 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.2083/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AZO COMPOUNDS AND METHODS OF PREPARATION AND USES THEREOF

(51) International classification	:C09B29/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SEKAR , NETHI

Address of Applicant :DEPARTMENT OF DYESTUFF TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY, NATHALAL PAREKH MARG,MATUNGA, MUMBAI 400019. Maharashtra India

(72)Name of Inventor :

1)SEKAR , NETHI

2)DESHMUKH , MININATH

(57) Abstract :

An azo compound of the formula (I): wherein Y may be selected from the group consisting of Hydrogen, halogen, NO₂, CN, -SO₃H, -COR', or -COOR', in which R' is a Hydrogen or alkyl group, R1 and R2 may be each independently selected from the group consisting of Hydrogen, alkyl group, aryl group, hydroxyl group, hydroxyalkyl group, alkoxy group or -NHCO(alkyl) or -N(alkyl)CO(alkyl), R3 and R4 may be each independently selected from the group consisting of alkyl group, alkenyl group, alkynyl group, cycloalkyl group, cycloalkenyl group, aryl group, aralkyl group or -COO(alkyl), R5 and R6 may be each independently selected from the group consisting of Hydrogen, alkyl group, -COO(alkyl). R5 and R6 may join together to form a heterocyclic ring structure in which the heterocyclic ring structure may be optionally substituted.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2011

(21) Application No.2084/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : APPARATUS AND PROCESS FOR MEASUREMENT OF ETHANOL PERCENTAGE CONTENT IN
BLENDED GASOLINE

(51) International classification	:C10L1/02, C10L1/182, G01T1/20	(71) Name of Applicant : 1)SAVITA GAJANAN KULKARNI Address of Applicant :C-104 PINAC SADICCHA, NEAR MITT CAMPUS,KOTHRUD,PUNE-411038 MAHARASHTRA,INDIA. 2)MADHURI SUDHIR JOSHI 3)ANAGHA ATUL KUNTE
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SAVITA GAJANAN KULKARNI
(87) International Publication No	:N/A	2)MADHURI SUDHIR JOSHI
(61) Patent of Addition to Application Number	:NA	3)ANAGHA ATUL KUNTE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an apparatus for measurement of ethanol percentage content in blended gasoline and dielectric characterization of petroleum products. The apparatus is developed to measure percentage of ethanol in blended gasoline/petrol sample. The apparatus includes a microwave frequency synthesizer, a micro-strip boxed sensor, a peak detector, a temperature sensor, a - microprocessor, and a keyboard with display.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2009

(21) Application No.2332/MUM/2009 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF CEVIMELINE HYDROCHLORIDE

(51) International classification

:C07D453/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)USV LIMITED

Address of Applicant :B.S.D. MARG, STATION ROAD
GOVANDI, MUMBAI - 400 088 MAHARASHTRA. India

(72)Name of Inventor :

1)SATHE, DHANANJAY GOVIND

2)RANE, BHUPENDRA SHALIGRAM

3)RAO, MANTRIPRAGADA NARAYANA

4)BHOPALKAR, RAJESH GANPAT

5)JADHAV, RAJESH SHESHRAO

6)MAHAJAN, ANIL DINKAR

7)GHODINDE,RUPESH RAMESH

8)JOSHI, MEHUL ASHOK

(57) Abstract :

The present invention discloses improved process for preparation of highly pure (\pm) cis-2-methylspiro{1-azabicyclo[2.2.2]octane-3,5-[1,3]oxathiolane} hydrochloride (Cevimeline hydrochloride).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/01/2012

(21) Application No.40/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : UNIFIED VARIABLE DISPLACEMENT OIL PUMP AND VACUUM PUMP

(51) International classification	:F01C 1/00	(71)Name of Applicant :
(31) Priority Document No	:13/135,949	1)SLW AUTOMOTIVE INC.
(32) Priority Date	:19/07/2011	Address of Applicant :1300 S. Opdyke Sallisaw Oklahoma
(33) Name of priority country	:U.S.A.	74955 UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Douglas G. Hunter
(87) International Publication No	: NA	2)Dennis N. Koenig
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A unified variable displacement pump having a housing which includes a fluid pump and a vacuum pump. A portion of the housing is part of the fluid pump and a portion of the housing is part of the vacuum pump. A shaft extends through the fluid pump and the vacuum pump. A vacuum pump rotor is formed as part of the shaft and a vane pump rotor is mounted to the shaft such that when the shaft rotates the vacuum pump rotor and the vane pump rotor rotate causing the fluid pump to pump fluid and the vacuum pump to generate a vacuum. The vacuum pump and fluid pump are combined into a single component driven by a single shaft.

No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.607/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SPARSE NETWORK ALMANAC□

(51) International classification	:H04W 24/00
(31) Priority Document No	:61/241,239
(3□) Priority Date	:10/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048509
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/032027
(61) 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

United States of America

(72)Name of Inventor :

1)MOEGLEIN Mark Leo

2)BIACS Zoltan F.

(57) Abstract :

The subject matter disclosed herein relates to creation maintenance communication and/or use of sparse network almanac information that may be located in a mobile station.

No. of Pages : 61 No. of Claims : 106

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.608/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANTIMICROBIAL QUATERNARY AMMONIUM ORGANOSILANE COMPOSITIONS

(51) International classification	:C02F 1/00
(31) Priority Document No	:GB0914307.4
(32) Priority Date	:15/08/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/004988
Filing Date	:13/08/2010
(87) International Publication No	:WO/2011/020586
(61) 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 Corning Corporation

Address of Applicant :2200 West Salzburg Road Midland Michigan MI 48686-0994 United States of America

(72)Name of Inventor :

**1)ZIOLKOWSKI Nicolas
2)LECOMTE Jean-paul
3)WAUTHIER Nathalie
4)VERHELST Vronique
5)VANDEMEULEBROUCKE Flore**

(57) Abstract :

Antimicrobial granules comprise carrier particles agglomerated by a binding agent containing a quaternary ammonium organosilane.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2046/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NOVEL STABILIZED COMPOSITION OF AMORPHOUS STATE SOLIDS.

(51) International classification	:A01N1/02	(71) Name of Applicant : 1)JADHAV NAMDEO RAMHARI Address of Applicant :BHARATI VIDYAPEETH, COLLEGE OF PHARMACY, NEAR CHITRANAGARI, KOLHAPUR- 416013, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)JADHAV NAMDEO RAMHARI 2)BHENDE SANTOSH ANANDA 3)MORE HARINATH NIVRUTTI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention is related to the development of novel stabilized composition of amorphous state solids, especially pharmaceuticals containing moringa coagulant obtained from the seeds of plant moringa belonging to family Moringaceae.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2061/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COOLING SYSTEM FOR CENTRAL PROCESSING UNIT

(51) International classification	:F28D15/00	(71) Name of Applicant : 1)PINGALE ADITYA SURESH Address of Applicant :6.SHREE DATTA KRUPA HOUSING SOCIETY, 1411,SADASHIV PETH,NEAR PUNE VIDYARTHI GRUHA, PUNE-411030 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a cooling system for dissipating heat from Central Processing Unit (CPU), a cooling system is designed which consists of a heat sink, a fan, a coolant tank, and a venturi tube. A heat sink consists of a two enclosure arrangement in which coolant is filled. The heat sink has plurality of opening and pipes through which coolant flows between two enclosures. Also, solid pipes are attached to the both sides of heat sink to dissipate heat. Below a fan, a venturi is arranged which gets coolant from coolant tank and spreads mist of coolant on heat sink for heat dissipation. The heat sink is disposed in close contact with CPU.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2062/MUM/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LONG ACTING PHARMACEUTUCAL COMPOSITION OF RASAGILINE

(51) International classification	:A61K31/135, A61K47/10, A61K47/36	(71) Name of Applicant : 1)TORRENT PHARMACEUTICALS LTD. Address of Applicant :TORRENT HOUSE, OFF ASHRAM ROAD,NEAR DINESH HALL, AHMEDABAD 380 009, GUJARAT,INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)JAYA ABRAHAM
(33) Name of priority country	:NA	2)VIVEK MISHRA
(86) International Application No Filing Date	:NA	3)SUNIL SADANAND NADKARNI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel long acting pharmaceutical composition of rasagiline or its pharmaceutically acceptable salts or its ion pair complex to provide prolong release of rasagiline for extended period of time. The present invention also provides a process for the preparation and use of the said composition for the treatment of Parkinson's disease.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.494/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR CAPTURING ENERGY FROM AN OSCILLATING DRIVE MEMBER □

(51) International classification	:E02B 9/08
(31) Priority Document No	:2009904251
(32) Priority Date	:01/09/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001121
Filing Date	:01/09/2010
(87) International Publication No	:WO/2011/026173
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BIOPOWER SYSTEMS PTY LTD

Address of Applicant :18 Beresford Street Mascot New South Wales 2020 Australia

(72)Name of Inventor :

1)FINNEGAN Timothy Donegal

2)KLOOS Gerold

3)GONZALEZ TORO CARLOS ANDRES

(57) Abstract :

Disclosed herein is a device (10) for capturing energy from ocean waves. The device (10) comprises a base (12) adapted for stationary mounting relative to a fluid flow generated by the ocean waves. A drive member (14) is movably connected relative to the base (12) and adapted to be driven in oscillatory rotational motion relative to the base (12). An array of paddles (14c) extend from the drive member (14) such that forces applied to the paddles by the ocean waves drive the drive member in oscillatory rotational motion relative to the base (12). A plurality of removable modular energy transfer mechanisms (20) are associated with the drive member (14) and adapted to be driven by the oscillation of the drive member.

No. of Pages : 37 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.495/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : STAPHYLOCOCCUS AUREUS DIVI1B FOR USE AS VACCINE

(51) International classification	:A61K 39/085
(31) Priority Document No	:0917685.0
(32) Priority Date	:09/10/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001722
Filing Date	:13/09/2010
(87) International Publication No	:WO/2011/042681
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ABSYNTH BIOLOGICS LIMITED

Address of Applicant :Leavygreave Road Sheffield S2 7DR
U.K.

(72)**Name of Inventor :**

1)GARCIA LARA Jorge

2)FOSTER Simon

(57) Abstract :

The invention relates to an antigenic polypeptide referred to as DivIB and variants thereof vaccines comprising said polypeptide and the use of the vaccine in protecting subjects from microbial infection.

No. of Pages : 23 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.610/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ALCOHOLIC COMPOSITIONS HAVING A LOWERED RISK OF ACETALDEHYDEMIA

(51) International classification	:A61K 31/045
(31) Priority Document No	:61/274,875
(32) Priority Date	:21/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046211
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/022682
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PROTIA LLC

Address of Applicant :15025 Brioli Dr Reno Nevada 89511
United States of America

(72)Name of Inventor :

1)Anthony CZARNIK

2)Jeffrey MCKINNEY

(57) Abstract :

The present invention provides beverages and pharmaceutical compositions containing a deuterated alcohol according to Formula 1 and provides methods for their manufacture and use. The compositions of the invention are expected to ameliorate some of the negative side effects associated with the consumption of alcohol such as hangover and facial flushing.

No. of Pages : 40 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2012

(21) Application No.471/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : APPARATUSES AND METHODS FOR POLLING RESPONSE MANAGEMENT

(51) International classification	:H04H 9/00	(71) Name of Applicant :
(31) Priority Document No	:61/510,789	1)MEDIATEK INC.
(32) Priority Date	:22/07/2011	Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU 300, TAIWAN
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)CHE-CHENG LIN
Filing Date	:NA	2)CHU-CHING YANG
(87) International Publication No	:N/A	3)CHIA-CHEN HSU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wireless communication device is provided with a plurality of processor logic for polling response management. One of the processor logic is configured to receive a polling request from a first service network via a first channel. Another one of the processor logic is configured to learn the first service network's tolerance for a maximum number of consecutive absences of polling responses. Yet another one of the processor logic is configured to allow monitoring of a second channel associated with a second service network and discard transmission of a polling response corresponding to the polling request to the first service network via the first channel, when an accumulated number of previously discarded polling responses being less than or equal to the learned first service network's tolerance.

No. of Pages : 51 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.604/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO&NBSP; AND METHOD AND APPARATUS FOR DECODING VIDEO□

(51) International classification	:H04N 7/32	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0075854	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:17/08/2009	Address of Applicant :416 Maetan-dong Yeongtong-gu
(33) Name of priority country	:Republic of Korea	Suwon-si Gyeonggi-do Republic of Korea
(86□ International Application No Filing Date	:PCT/KR2010/005436 :17/08/2010	(72) Name of Inventor :
(87) International Publication No	:WO/2011/021838	1)SONG Hak-Sup
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MIN Jung-Hye
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Disclosed are a method and a apparatus for encoding a video and a method and apparatus for decoding a video in which neighboring pixels used to perform intra prediction on a current block to be encoded are filtered and intra prediction is performed by using the filtered neighboring pixels.

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.629/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : RECONSTITUTABLE REVERSE THERMAL GELLING POLYMERS

(51) International classification	:C08G 63/08
(31) Priority Document No	:12/562,653
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049526
Filing Date	:20/09/2010
(87) International Publication No	:WO/2011/035261
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PROTHERICS SALT LAKE CITY INC.

Address of Applicant :2180 South 1300 East Suite 590 Salt Lake City Utah 84106 United States of America

(72)Name of Inventor :

1)FOWERS Kirk D

2)RATHI Ramesh

3)PIAO Ai-Zhi

(57) Abstract :

Biodegradable and bioabsorbable block copolymers which can be in the form of solid powder or powder wax compositions that can be easily reconstituted into an aqueous polymer solution and exhibit reverse thermal gellation properties upon exposure to elevated temperatures are provided. Methods of making using these copolymers are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.630/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BAB TRIBLOCK POLYMERS HAVING IMPROVED RELEASE CHARACTERISTICS

(51) International classification	:C09K 8/58
(31) Priority Document No	:61/243,776
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049530
Filing Date	:20/09/2010
(87) International Publication No	:WO/2011/035264
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PROTHERICS SALT LAKE CITY INC.

Address of Applicant :2180 South 1300 East Suite 590 Salt Lake City Utah 84106 United States of America

(72)Name of Inventor :

1)FOWERS Kirk D.

2)RATHI Ramesh

3)PIAO Ai-Zhi

(57) Abstract :

Improved biodegradable and bioabsorbable BAB-block copolymers exhibiting reverse thermal gellation properties and aqueous polymer compositions including the BAB-block copolymers are provided. Methods of making the improved BAB-block copolymers and compositions including the same are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.638/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : USER INTERFACE GESTURES AND METHODS FOR PROVIDING FILE SHARING
FUNCTIONALITY□

(51) International classification	:G06F 17/30	(71) Name of Applicant :
(31) Priority Document No	:61/248,249	1)QUALCOMM INCORPORATED
(32) Priority Date	:02/10/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application□No Filing Date	:PCT/US2010/050738 :29/09/2010	United States of America
(87) International Publication No	:WO/2011/041427	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)FORUTANPOUR Babak
Filing Date	:NA	2)GOODING Ted
(62) Divisional to Application Number	:NA	3)BEDNAR David
Filing Date	:NA	

(57) Abstract :

Methods and devices provide a gesture activated file sharing functionality enabling users to share files with other nearby computing devices. The file sharing functionality may include establishing wireless links with nearby devices and determine their relative locations. The computing device may detect a file sharing gesture and transmit files to or request files from a nearby device in response to the gesture. Base on gesture parameters e.g. direction speed and shape and computing device attitude parameters e.g. tilt angle and pointing direction the computing device may identify a targeted device to which a file may be transmitted. The computing device may request user verification of the identified device and send a request to transmit files to the targeted device. The computing devices may transmit files using networks and addresses provided over the device-to-device communication links.

No. of Pages : 124 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.609/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTI-LAYER TRANSDERMAL PATCH

(51) International classification	:A61K 31/047
(31) Priority Document No	:EP09305763.6
(32) Priority Date	:18/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/044184
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/022199
(61) 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 CORNING CORPORATION

Address of Applicant :2200 West Salzburg Road Midland MI
48686-0994 United States of America

2)DOW CORNING FRANCE SAS

(72)Name of Inventor :

1)COLAS Andre

2)SCHALAU Gerald K.

3)THOMAS Xavier

(57) Abstract :

This invention pertains to a construction consisting of in the order from the outside towards the inside: An occlusive or non occlusive external film layer; a non-curing pressure sensitive adhesive (PSA) that has been blended with a therapeutic concentration of at least one or a combination of cosmetic or pharmaceutical active ingredients; and a silicone gel adhesive that is used as the skin contact layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.626/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SENSOR PANEL&NBSP; DISPLAY AND JOYSTICK ARRANGEMENT IN AN ELECTRONIC DEVICE

(51) International classification	:G06F 3/00	(71) Name of Applicant :
(31) Priority Document No	:2009136784	1)MIROSHNICHENKO Vladimir Vitalievich
(32) Priority Date	:05/10/2009	Address of Applicant :3 Pochtovoe Otdelenie 84-28 Ljubertsy Moskovskaya obl. 140003 Russia
(33) Name of priority country	:Russia	2)PILKIN Vitaly Evgenievich
(86) International Application No	:PCT/RU2010/000486	(72) Name of Inventor :
Filing Date	:07/09/2010	1)MIROSHNICHENKO Vladimir Vitalievich
(87) International Publication No	:WO/2011/043691	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A touchpad (or a part of it) or a joystick is made so as to move along the electronic device body. A touchpad (or a part of it) has a fully or partially convex shape. A touchpad (or part of it) and a joystick (or part of it) are arranged on different sides of a body of electronic device comprising a touchpad and a joystick. A touchpad (or part of it) a joystick (or part of it) and a fully or partially touch screen display are arranged on different sides of a body of electronic device comprising a touchpad a visual display and a joystick. A fully or partially touch screen display is arranged on different sides of a body of electronic device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.627/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : STRUCTURAL REINFORCEMENT

(51) International classification	:E04G 25/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CA2009/001619
Filing Date	:13/11/2009
(87) International Publication No	:WO/2011/057377
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Int™ Structure Lock Systems Inc.

Address of Applicant :989 Manhattan Drive Kelowna British Columbia V1Y 1H7 Canada

(72)Name of Inventor :

1)GROENESTEYN Anthony Theodorus

(57) Abstract :

The apparatus comprises a rigid member being sized to extend between the first edge of a first structural member and the second edge of an adjacent second structural member. The apparatus further comprising first and second sockets connected to first and second ends of the rigid member each sized to receive and edge of one of the structural members therein. The method comprises engaging the first socket around the first edge of the first structural member and locating a second structural member with the second edge of the second structural member within a second socket. The method may also comprise rotating the rigid member between the first and second structural members until the first and second sockets are engaged around diagonally opposed edges the structural members.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.628/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SURGICAL TECHNIQUES AND CLOSURE DEVICES FOR DIRECT CARDIAC CATHETERIZATION

(51) International classification	:A61B 17/08	(71) Name of Applicant : 1)RAMBAM HEALTH CORPORATION Address of Applicant :8 Haaliya st. Haifa 30900 Haifa Israel
(31) Priority Document No	:61/234,691	
(32) Priority Date	:18/08/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB2010/053725	
Filing Date	:18/08/2010	
(87) International Publication No	:WO/2011/021158	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surgical closure device (100) includes (a) a continuous loop (110) which defines an opening (112) therethrough and which is configured to assume at least an open shape and a closed shape and (b) four or more tissue anchors (130) coupled to the loop (110). An area of the opening (112) when the loop (110) assumes the closed shape is less than 80% of the area of the opening (112) when the loop (110) assumes the open shape. The loop (110) is configured such that as the loop (110) transitions from the open shape to the closed shape all of the anchors (130) move in generally radial directions and do not move in generally circumferential directions;

No. of Pages : 51 No. of Claims : 112

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.640/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : KETAL LACTONES AND STEREOSPECIFIC ADDUCTS OF OXOCARBOXYLIC KETALS WITH TRIMETHYLOL COMPOUNDS&NBSP; POLYMERS CONTAINING THE SAME&NBSP; METHODS OF MANUFACTURE&NBSP; AND USES THEREOF

(51) International classification	:C07D 319/06
(31) Priority Document No	:61/246,102
(32) Priority Date	:26/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/050387 :27/09/2010
(87) International Publication No	:WO/2011/038337
(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)SEGETIS INC.

Address of Applicant :680 Mendelssohn Avenue N Golden Valley MN 55427 UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)SELIFONOV Sergey

2)ZHOU Ning

3)MULLEN BRIAN, DANIEL

(57) Abstract :

Ketal lactones of and methods for making such ketal lactones are disclosed. Also described are methods for making isolated cis- and trans- stereoisomers of hydroxyester ketals of oxocarboxylic acids and polymers having ketal units of such stereoisomers within the polymer backbone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.621/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : U-SECTION STRUCTURE FOR THE TRACKS OF A PUBLIC TRANSPORT VEHICLE

(51) International classification	:E01B 25/00	(71) Name of Applicant : 1)SYSTRA Address of Applicant :5 Avenue du Coq 75009 PARIS FRANCE
(31) Priority Document No	:FR1152027	
(32) Priority Date	:11/03/2011	
(33) Name of priority country	:Georgia	(72) Name of Inventor :
(86) International Application No	:NA	1)DUTOIT Daniel
Filing Date	:NA	2)VOLLERY Jean-Charles
(87) 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 an element for delineating the tracks of a public transport vehicle comprising a U-section structure (1) comprising a horizontal lower wall (3) that forms a slab on which the vehicle is able to run and two vertical side walls (4) which are designed to flank the trackway laterally each side wall (4) at its free upper end bearing a horizontal ledge (5). According to the invention it comprises a lower structural element (24) borne by the horizontal lower wall (3) and of one piece with the U-section structure (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.621/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ROTARY PUMP

(51) International classification	:F04C 18/356
(31) Priority Document No	:200910174216.9
(32) Priority Date	:23/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/076415
Filing Date	:27/08/2010
(87) International Publication No	:WO/2011/035677
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIO PANG-CHIAN

Address of Applicant :No.8-2 Lane 253 Siwei Street
Weixiang Village 360 Miaoli City Miaoli County Taiwan

(72)Name of Inventor :

1)LIO PANG-CHIAN

(57) Abstract :

A rotor type pump is provided. A rotor rotates and closely contacts an inner surface of a chamber and a cam controls a sealing part so that during a compression procedure the sealing part a convex surface of the rotor and an inner surface of the chamber form a substantially hermetic space and when a gas in the chamber is compressed to a set pressure the compressed gas is guided out. Therefore smooth surface of the rotor closely contacts the inner surface of the chamber and the gas in the chamber is compressed in a rotational manner in which the to-and-fro movement of a piston is not required and a dead point is prevented so that operation is smooth and noise is not easily generated. Further the rotor type pump does not need to use a lubricating fluid and offers extremely large compression capacity excellent efficiency.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.622/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CULTIVATION OF TAMARIX TREE FOR BIOMASS FUEL

(51) International classification	:A01C 14/00,
(31) Priority Document No	:61/235,136
(32) Priority Date	:19/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/053701
Filing Date	:17/08/2010
(87) International Publication No	:WO/2011/021147
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HARARI Micha

Address of Applicant :Pob 97 70800 Gan Yavne Israel

(72)Name of Inventor :

1)HARARI Micha

(57) Abstract :

A method for using Tamarix Erect trees for the production of biomass fuel. Tamarix Erect trees are planted and/or cultivated in an area of land. After growth of biomass of the Tamarisk Erect trees at least a portion of the biomass is harvested for the biomass fuel. The planting may be performed at a density greater than 6000 Tamarix Erect trees per hectare.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.631/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONCURRENT WIRELESS TRANSMITTER MAPPING AND MOBILE STATION POSITIONING

(51) International classification	:G01S5/02
(31) Priority Document No	:61/241,353
(32) Priority Date	:10/09/2009
(33) Name of priority Country	:U.S.A.
(86) International Application No	:PCT/US2010/048495
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/032015
(61) 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

United States of America

(72)Name of Inventor :

1)GARIN Lionel Jacques

2)DO Ju-Yong

3)ZHANG Gengsheng

(57) Abstract :

The subject matter disclosed herein relates to concurrently estimating locations for one or more mobile stations and one or more wireless transmitters.

No. of Pages : 74 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.649/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ELECTRICAL STORAGE DEVICE AND ELECTRODE THEREOF□

(51) International classification	:H01M 4/02
(31) Priority Document No	:2009-196200
(32) Priority Date	:27/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/AU2010/001113
Filing Date	:27/08/2010
(87) International Publication No	:WO/2011/029130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

Address of Applicant :Limestone Avenue Campbell Australian Capital Territory 2612 Australia

(72)**Name of Inventor :**

1)LAM Lan Trieu

2)LOUEY Rosalie

3)VELLA David

(57) Abstract :

The present invention generally relates to electrodes electrical storage devices comprising the electrodes and methods for producing the electrodes and electrical storage devices. The electrodes comprise a current collector an electrically conductive mat and a first and second electroactive material the first electroactive material having a higher energy density than the second electroactive material and the second electroactive material having a higher rate capability than the first electroactive material. The electrically conductive mat provides a structural and conductive support for at least one of the high-rate and high-energy electroactive materials. The electrodes can be provided in various configurations and be used in high-rate high-energy electrical storage devices to provide improved cycle life.

No. of Pages : 72 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.614/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ADDITIVE FOR MINERAL BINDING AGENTS

(51) International classification	:C04B 24/18
(31) Priority Document No	:09170837.0 (EP)
(32) Priority Date	:21/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/063903
Filing Date	:21/09/2010
(87) International Publication No	:WO/2011/033124
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIKA TECHNOLOGY AG

Address of Applicant :Zugerstrasse 50 CH-6340 Baar Switzerland

(72)Name of Inventor :

1)HURLEY Colin

2)SCHRABBACK Jorg M.

3)HELLER Thomas

4)HONERT Dieter

(57) Abstract :

The present invention relates to the use of an additive composition Z comprising at least one lignosulfonate for reducing the amount of soot floating on mineral binding agents. In addition the invention relates to methods for reducing the amount of soot floating on mineral binding agents.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.625/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITION AND METHOD FOR PRODUCING LIME SAND BRICK

(51) International classification	:C04B 28/20
(31) Priority Document No	:09170837.0
(32) Priority Date	:21/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/063904
Filing Date	:21/09/2010
(87) International Publication No	:WO/2011/033125
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIKA TECHNOLOGY AG

Address of Applicant :Zugerstrasse 50 CH-6340 Baar Switzerland

(72)Name of Inventor :

1)BLASK Oliver

2)HONERT Dieter

3)KERN Olaf

(57) Abstract :

The present invention relates to a composition for producing lime sand brick comprising lime sand water and at least one plasticizer in particular a comb polymer KP having side chains bound to the main chain via ester or ether groups. The invention further relates to a method for producing lime sand brick.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.633/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SPIROPIPERIDINE COMPOUNDS AND PHARMACEUTICAL USE THEREOF FOR TREATING DIABETES

(51) International classification	:C07D 221/20
(31) Priority Document No	:61/251,839
(32) Priority Date	:15/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052126
Filing Date	:11/10/2010
(87) International Publication No	:WO/2011/046851
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis Indiana 46285 United States of America

(72) **Name of Inventor :**

1)HAMDOUCHI Chafiq

2)LINESWALA Jayana Pankaj

3)MAITI Pranab

(57) Abstract :

A compound of the formula: or a pharmaceutically acceptable salt thereof as well as a pharmaceutical composition and a method for treating diabetes.

No. of Pages : 70 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.644/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SYSTEM FOR POWER-EFFICIENTLY DELIVERING PERSONALIZED CONTENTS□

(51) International classification	:H04W 4/06
(31) Priority Document No	:12/565,581
(32) Priority Date	:23/09/2009
(33) Name of□priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049875
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/038035
(61) 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

United States of America

(72)**Name of Inventor :**

1)GAO Qiang

2)CHEN An Mei

3)GOLMIEH Ralph A.

(57) Abstract :

Embodiments enable mobile devices (10) to efficiently receive mobile broadcast content corresponding to a users selections based upon content description metadata transmitted in a content description flow (DF) portion of broadcast transmissions. A content description flow may be in the form of broadcast data packets which include information about the nature of content elements to be broadcast. Using the information in the content description flow (DF) a mobile device (10) can determine whether a particular portion of content is of interest as well as when the content will be broadcast and the content flow address on which it can be received. Enabling mobile devices (10) to screen broadcast content flows by monitoring the content description flow for content of interest extends their battery life since the content description flow is quickly downloaded and the receiver de-energized if no content is of interest to the user.

No. of Pages : 45 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.645/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SMALL FORM-FACTOR DISTANCE SENSOR□

(51) International classification	:G01C 3/08, G01C 15/00	(71) Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America
(31) Priority Document No	:12/560,176	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/048983 :15/09/2010	(72) Name of Inventor : 1)MAHAJAN Manish
(87) International Publication No	:WO/2011/034961	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The subject matter disclosed herein relates to determining a distance from a mobile device to a remote object or a size of the remote object.

No. of Pages : 47 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2010

(21) Application No.653/MUM/2010 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : REVERSE AIR-BAG SYSTEM FOR AUTOMOTIVE VEHICLE

(51) International classification	:B60R 21/00	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SAAI GANESH R.K.
(87) International Publication No	: NA	2)ALOK KUMAR RAY
(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 reverse air-bag system for automotive vehicle. A pair of frontal airbags placed inside the steering and dash board for driver and co-driver respectively. A pair of reverse air bags, of smaller size compared to the said frontal airbags, packaged to the seatbelts of said driver and co-driver respectively. An occupant detection sensor mounted over the said co-driver sea belt connected to a control means. A number of frontal crash sensors, mounted at front side of vehicle at uniform distance to sense the crash of vehicle at any point, connected to the said control means to trigger the frontal and reverse air bags to inflate in known manner if crash sensed, the said control means provided with an embedded software programmed as per the algorithms based the flow diagram illustrated herewith and the arrangement is such that co-driver air bags gets inflated if seat belt is engaged by the co-driver.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.639/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PRESTRESSED CONCRETE SLEEPER AND METHOD FOR TRANSPORTING AND INSTALLING ASWITCH HAVING PRESTRESSED CONCRETE SLEEPERS

(51) International classification	:E01B 3/34	(71) Name of Applicant :
(31) Priority Document No	:10 2009 049 411.1	1)DB Netz AG Address of Applicant :Theodor-Heuss-Allee 7 60486 Frankfurt am Main GERMANY
(32) Priority Date	:14/10/2009	2)RAIL.ONE GMBH
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/006208	1)SCHIMPFF Frithjof
Filing Date	:12/10/2010	2)MLLER Hans-Dieter
(87) International Publication No	:WO/2011/045018	
(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 prestressed concrete sleeper having at least two sleeper sections that can be coupled or are coupled rigidly by a connection device embedded in the sleeper heads wherein the sleeper sections each comprise a concrete in the region adjacent to the connection device which has a higher rigidity than the concrete in the other regions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.648/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TRANSMITTER POSITION INTEGRITY CHECKING□

(51) International classification	:G01S 5/00, H04W 64/00	(71) Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America
(31) Priority Document No	:12/560,246	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/048986 :15/09/2010	(72) Name of Inventor : 1)MOEGLEIN Mark Leo 2)ROWITCH Douglas Neal 3)BHATIA Ashok 4)WONG Kin Fai
(87) International Publication No	:WO/2011/034964	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The subject matter disclosed herein relates to determining whether a reported position of a wireless transmitter is sufficiently accurate in accordance with an accuracy metric based at least in part on a calculated range between an estimated position of a mobile station and the reported position and also based at least in part on one or more measurements taken from one or more signals transmitted by the wireless transmitter.

No. of Pages : 63 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.656/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MOTOR VEHICLE DOOR LATCH

(51) International classification	:E05B 65/20
(31) Priority Document No	:20 2009 015 560.9
(32) Priority Date	DE :14/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/001326
Filing Date	:11/11/2010
(87) International Publication No	:WO/2011/057618
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant :Hseler Platz 2 42579 Heiligenhaus
GERMANY

(72)Name of Inventor :

1)GRAUTE Ludger

(57) Abstract :

The subject matter of the present invention is a motor vehicle door latch which in the basic design thereof is equipped with a locking mechanism (3 4) and a lever system (5 8 9). The lever system (5 8 9) has at least two levers (5 8) which are interconnected at an angle and which interact with each other. According to the invention the two levers (5 8) are coupled to each other in a pivoting manner by a detachable plug connection (15 16) in the region of a housing opening (17).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.665/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CYCLIC AZINE DERIVATIVES&NBSP; PROCESSES FOR PRODUCING THESE&NBSP; AND ORGANIC ELECTROLUMINESCENT ELEMENT CONTAINING THESE AS COMPONENT

(51) International classification	:C07D 239/26, C07B 61/00	(71) Name of Applicant : 1)TOSOH CORPORATION Address of Applicant :4560 Kaisei-cho Shunan-shi Yamaguchi 746-8501 Japan
(31) Priority Document No	:2009-192470	2)SAGAMI CHEMICAL RESEARCH INSTITUTE
(32) Priority Date	:21/08/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)Hidenori AIHARA
(86) International Application No Filing Date	:PCT/JP2010/064070 :20/08/2010	2)Akitoshi OGATA
(87) International Publication No	:WO/2011/021689	3)Yousuke HISAMATSU
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)Tsuyoshi TANAKA
(62) Divisional to Application Number Filing Date	:NA :NA	5)Nobumichi ARAI
		6)Mayumi ABE
		7)Yuchi MIYASHITA
		8)Takashi IIDA
		9)Naoki UCHIDA

(57) Abstract :

A cyclic azine compound represented by general formula (1): wherein each Ar1 represents an aromatic group which is unsubstituted or substituted by a C1-4 alkyl group a phenyl group or a pyridyl group; and A represents a group selected from those which are represented by general formulae (2) to (5) described in the description. The cyclic azine compound is useful for an organic compound layer of fluorescent or phosphorescent EL device.

No. of Pages : 154 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.666/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : GEAR BOX, SEAL AND COVER ARRANGEMENTS

(51) International classification	:F16H57/02
(31) Priority Document No	:1104455.9
(32) Priority Date	:16/03/2011
(33) Name of priority country	:GB
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROMEX TECHNOLOGY LIMITED

Address of Applicant :RUTHERFORD HOUSE,
NOTTINGHAM SCIENCE AND TECHNOLOGY PARK,
NOTTINGHAM NG7 2PZ U.K.

(72)Name of Inventor :

1)BLOCKLEY, CHRISTOPHER JAMES

2)SCOTT, DAVID JOHN

3)GIBBS, PAUL JAMES

(57) Abstract :

A gearbox (18) for a wind turbine has a bearing arrangement (34) positioned on the downwind side of a first stage planet carrier (26) at a single locus. The planet carrier (26) has a portion (27) extending radially inwards and axially downwind from the planet gears. This reduces the diameter, weight and cost of the bearing arrangement. The diameter, for example, can be less than the outer diameter of the input shaft. In addition, bearings positioned on the upwind side of the first stage planet carrier (26) are not required. Thus, the weight of the gearbox (18) is supported between the two theoretical support points of the pair of back to back tapered roller bearings (34) at the down wind side of the first stage planet carrier (26). The support for the gearbox is more stable compared to the traditional arrangement with face to face bearings in which the weight of the gearbox lies on the extended line of the two theoretical support points. The absence of upwind bearings for the first stage planet carrier (26) means that the front cover (1108) is not subject to external forces. Therefore a horizontal-split thin cover can be used on the upwind side of the first stage ring gear (28). This arrangement can reduce the weight of the housing by about one ton compared to the traditional housing for the upwind bearings. A member of unitary construction comprising gearbox flange (1240), input shaft (24) and first stage planet carrier (26), which can be cast as one piece, reduces the weight of this part compared to previous designs having separate components. In addition the machining required of the connector and coupling is reduced, and difficulties aligning individual components are eliminated. The dimension of the output side of the first stage planet carrier (26) is increased so that the stress level on this component is reduced. Therefore low cost cast iron can be used.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.641/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SEGMENTS AND APPARATUS FOR HIGH WALL MINING INCLUDING FLUID FEED

(51) International classification	:E21F 13/08, E21C 35/20	(71) Name of Applicant : 1)Caterpillar Global Mining Highwall Miners LLC Address of Applicant :351 Ragland Road Beckley WV 25801 UNITED STATES OF AMERICA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/NL2009/050583	(72) Name of Inventor :
Filing Date	:29/09/2009	1)IN T HOUT Cornelis Wilhelm
(87) International Publication No	:WO/2011/040806	2)STEIN Robert Th.
(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 cutter head segment for use at the front of a train of conveyor segments for high wall mining. The invention further relates to a pump segment for use in a train of conveyor segments for high wall mining as a segment following the cutter head segment. Moreover the invention relates to an assembly comprising: a cutter head segment and a pump segment and to a train of conveyor segments. Further the invention relates to a launching platform and to a method for high wall mining.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.651/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTI-WEAPONS SYSTEM□

(51) International classification	:F41A 23/24, F41A 27/28	(71) Name of Applicant : 1)ISRAEL MILITARY INDUSTRIES LTD. Address of Applicant :64 Sderot Bialik P.O.B. 1044 47100 Ramat Hasharon Israel
(31) Priority Document No	:201051	(72) Name of Inventor :
(32) Priority Date	:17/09/2009	1)KARAKOOKLY Yuval
(33) Name of priority country	:Israel	
(86) International Application No	:PCT/IL2010/000766	
Filing Date	:16/09/2010	
(87) International Publication No	:WO/2011/033514	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi-weapons system comprising: an active defence system (ADS) comprising a mortar launch tube mounted on a support base-plate rotatable 360 degrees; a weapons system comprising a machine gun mounted alongside the active defence system (ADS) on the support base a motor with mechanism to rotate the support base-plate with the active defence system (ADS) 360 degrees drive means to adjust the power capacity of the motor between that required for the active defence system and that required for the machine gun control means to rotate and adjust the elevation of the launch tube and adjust the directional movement of the machine gun computer and electronic means to automatically rotate and fire the active defence system display and control means to manually operate the machine gun control means to override the manual operation of the machine gun and prevent its firing when the active defence system is automatically activated.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.652/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SMALL FORM-FACTOR SIZE SENSOR □

(51) International classification	:G01B 11/02, G01C 3/04	(71) Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America
(31) Priority Document No	:12/560,162	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/048979 :15/09/2010	(72) Name of Inventor : 1)MAHAJAN Manish
(87) International Publication No	:WO/2011/034958	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The subject matter disclosed herein relates to determining a distance from a mobile device to a remote object or a size of the remote object.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.661/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VACUUM SEALING DRAINAGE DEVICE FOR HEALING WOUND ON BODY SURFACE

(51) International classification	:A61M 27/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2009/074088
Filing Date	:22/09/2009
(87) International Publication No	:WO/2011/035464
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WUHAN VSD MEDICAL SCIENCE & TECHNOLOGY CO. LTD.

Address of Applicant :Room B-1404 Wuhan Plaza No.688
Jiefang Avenue Hankou Wuhan Hubei 430022 China

(72)Name of Inventor :

1)SONG Jiuhong

(57) Abstract :

The vacuum sealing drainage device for healing wound on the body surface includes a porous-foam soft pad (1) contacted with the wound on the body surface a drainage tube (2) with a side-hole a sealing film (3) a connector (4) a catheter (17) a drainage container (5) a vacuum source (6) a gel membrane (7) and an outlet tube (8). The gel membrane (7) is provided above the porous-foam soft pad (1)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.670/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING OR USING INTERACTION ACTIVITY INFORMATION□□

(51) International classification	:H04W 92/18
(31) Priority Document No	:10-2009-0077871
(32) Priority Date	:21/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/005509
Filing Date	:19/08/2010
(87) International Publication No	:WO/2011/021871
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO . LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do Republic of Korea

(72)**Name of Inventor :**

1)YU Seung-Dong

2)CHANG Woo-Yong

3)PARK Se-Jun

4)MOON Min-Jeong

(57) Abstract :

A method of generating interaction activity information including connecting a second apparatus to a first apparatus capable of communicating with each other receiving first information about a function that is capable of being performed in the first apparatus from the first apparatus and generating second information about a function that is used interactively between the first apparatus and the second apparatus based on the first information.

No. of Pages : 29 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.654/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR THE TREATMENT OF GLAUCOMA

(51) International classification	:A61F 9/007
(31) Priority Document No	:12/544,637
(32) Priority Date	:20/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/058248
Filing Date	:11/06/2010
(87) International Publication No	:WO/2011/020633
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)GRIESHABER OPHTHALMIC RESEARCH FOUNDATION

Address of Applicant :C/O PRICEWATERHOUSE COOPERS AG, NEUMARKT 4, KORNHAUSSTRASSE 26, CH-9001 ST GALLEN, Switzerland

(72)**Name of Inventor :**

**1)STEGMANN, ROBERT CHRISTOPHER
2)GRIESHABER, MATTHIAS CHRISTIAN
3)GRIESHABER, HANS R**

(57) Abstract :

The invention relates to a method and device for the treatment of glaucoma, though insertion of an implant into the lumen of the Schlemm's canal to realize proper drainage of the aqueous humor, which implant is brought into its position in the Schlemm's canal by means of a catheter having a distal and a proximate portion and provided with a number of pores through which a gaseous or fluid medium which comes from a pressure source can emerge during insertion of the catheter carrying the implant into the Schlemm's canal, and while the catheter is being inserted into the Schlemm's canal the gaseous or fluid medium is released under pressure thereby expanding the Schlemm's canal and the implant and upon releasing the implant at its determined location, the catheter can be withdrawn from the Schlemm's canal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.662/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HCV PROTEASE INHIBITORS

(51) International classification	:C07D 403/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/056937
Filing Date	:15/09/2009
(87) International Publication No	:WO/2011/034518
(61) Patent of Addition 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 :7F 138 Shin Ming Rd. Neihu Dist.
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(72)Name of Inventor :

1)Liu Chen-Fu

2)Lee Kuang-Yuan

3)Cheng Pei-Chin

4)Liu Yo-Chin

5)Lo Pin

6)Tseng Kuo-Feng

7)Chen Chih-Ming

8)King Chi-Hsin Richard

9)Lin Chu-Chung

(57) Abstract :

This invention relates to macrocyclic compounds shown in the specification. These compounds can be used to treat hepatitis C virus infection.

No. of Pages : 96 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.663/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITION FOR USE AS NOX REMOVING TRANSLUCENT COATING

(51) International classification	:C09D 183/04, B01D 53/56
(31) Priority Document No	:12/562,500
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/048865 :15/09/2010
(87) International Publication No	:WO/2011/034880
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)Millennium Inorganic Chemicals Inc.

Address of Applicant :20 Wight Avenue Suite 100 Hunt Valley MD 21030 United States of America

(72)Name of Inventor :

1)Graham Goodwin

2)John L. Stratton

3)Robert McIntyre

(57) Abstract :

An improved composition capable of forming a translucent coating on a construction material surface comprising at least: a) photocatalytic titanium dioxide particles having at least a de-NOx activity; b) a silicon based-material in which said particles are dispersed wherein said silicon based material includes at least one polysiloxane; and c) particles having a de-HNO3 activity selected from calcium carbonate magnesium carbonate and mixtures thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.664/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AQUEOUS POLYURETHANE RESIN DISPERSION AND PROCESS FOR PREPARING THE SAME

(51) International classification	:C08G18/08
(31) Priority Document No	:2009-190743
(32) Priority Date	:20/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063087
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/021500
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UBE INDUSTRIES LTD.

Address of Applicant :1978-96 Oaza Kogushi Ube-shi Yamaguchi 755-8633 Japan

(72)Name of Inventor :

1)Takeshi YAMADA

2)Masahiro NAIKI

(57) Abstract :

An object is to obtain an aqueous polyurethane resin dispersion having excellent drying property which can provide a coating film having high hardness. The aqueous polyurethane resin dispersion comprises a polyurethane resin obtained by reacting (a) a polyol compound (b) a polyisocyanate compound (c) an acidic group-containing polyol compound and

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.672/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HYBRID NEGATIVE PLATE FOR LEAD-ACID STORAGE BATTERY AND LEAD-ACID STORAGE BATTERY□

(51) International classification	:H01M 4/14, H01G 9/058	(71) Name of Applicant : 1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION Address of Applicant :Limestone Avenue Campbell ACT 2612 Australia
(31) Priority Document No	:2009-196201	2)THE FURUKAWA BATTERY CO. LTD.
(32) Priority Date	:27/08/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)FURUKAWA Jun
(86) International Application No Filing Date	:PCT/JP2010/064984 :26/08/2010	2)MOMMA Daisuke
(87) International Publication No	:WO/2011/025057	3)MASUDA Yosuke
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)DOBASHI Akira
(62) Divisional to Application Number Filing Date	:NA :NA	5)LAM Trieu Lan
		6)LOUEY Rosalie
		7)HAIGH Peter Nigel

(57) Abstract :

Disclosed is a composite capacitor negative electrode plate for a lead acid storage battery which suppresses decrease in the hydrogen gas generation potential and improves rapid discharge cycle characteristics under PSOC conditions. Specifically disclosed is a composite capacitor negative electrode plate for a lead acid storage battery which is obtained by forming a coating layer of a carbon mixture on the surface of a plate that is filled with a negative electrode active material said carbon mixture being obtained by mixing at least a binder to a carbon material for assuring electric conductivity and activated carbon for assuring capacitor capacitance and/or pseudocapacitor capacitance. In the composite capacitor negative electrode plate for a lead acid storage battery activated carbon modified with a functional group preferably activated carbon modified with an acidic surface functional group is used.

No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.650/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMPACT ENERGY ABSORBER FOR VEHICLE AND METHOD FOR FORMING THE SAME

(51) International classification	:B29C51/02	(71) Name of Applicant : 1)KYORAKU CO., LTD. Address of Applicant :598-1, TATSUMAE-CHO, NAKADACHIURI-SAGARU, KARASUMADORI, KAMIGYO-KU, KYOTO-SHI, KYOTO 6020912 Japan
(31) Priority Document No	:2011-057101	
(32) Priority Date	:15/03/2011	
(33) Name of priority country	:Japan	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)TERUO, TAMADA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The resin impact energy absorber for vehicle includes a peripheral wall, a planar portion surrounded by the peripheral wall, and a plurality of first protrusions. The first protrusions are parallel to one another at a predetermined interval in the planar portion. The first protrusion includes a pair of inclined vertical walls and a top wall. The pair of inclined vertical walls projects from the planar portion. The inclined vertical walls face one another. The top wall couples tops of the inclined vertical walls with one another at approximately the same height as the peripheral wall. The inclined vertical walls are inclined at a predetermined inclination angle such that the inclined vertical walls come close to one another as approaching from the planar portion to the top wall. The planar portion includes one plate surface and another plate surface. At least one of them includes an impact load receiving surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.650/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NOVEL POLYMORPHS OF REBAUDIOSIDE C AND METHODS FOR MAKING AND USING THE SAME□

(51) International classification	:A23L 1/236, C07H 1/08
(31) Priority Document No	:61/244,803
(32) Priority Date	:22/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/049763 :22/09/2010
(87) International Publication No	:WO/2011/037959
(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)REDPOINT BIO CORPORATION

Address of Applicant :7 Graphics Drive Ewing New Jersey
08628 United States of America

(72)**Name of Inventor :**

1)F. Raymond Salemme

2)Robert A. Daines

(57) Abstract :

Embodiments of this invention encompass a method for producing and purifying rebaudioside C. In particular this invention relates to a method for purifying rebaudioside C compositions to obtain a substantially pure rebaudioside C product using one or more crystallization steps. Resulting polymorphic forms of rebaudioside C substantially pure rebaudioside C compositions and their uses are disclosed.

No. of Pages : 66 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.669/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR PREPARING ETHYLENE GLYCOL FROM POLYHYDROXY COMPOUNDS

(51) International classification	:C07C 29/00, B01J 23/30
(31) Priority Document No	:201010125806.5 (CN)
(32) Priority Date	:17/03/2010
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2010/078413 :04/11/2010
(87) International Publication No	:WO/2011/113281
(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)DALIAN INSTITUTE OF CHEMICAL PHYSICS

CHINESE ACADEMY OF SCIENCES

Address of Applicant :457 Zhongshan Road Dalian Liaoning
116023 China

(72)Name of Inventor :

1)ZHANG Tao

2)TAI Zhijun

3)WANG Aiqin

4)ZHENG Mingyuan

(57) Abstract :

This invention provides methods for producing ethylene glycol from polyhydroxy compounds such as cellulose starch hemicellulose glucose sucrose fructose fructan xylose and soluble xylooligosaccharides. The methods uses polyhydroxy compounds as the reactant a composite catalyst having active components comprising one or more transition metals of Groups 8 9 or 10 including iron cobalt nickel ruthenium rhodium palladium iridium and platinum as well as tungsten oxide tungsten sulfide tungsten hydroxide tungsten chloride tungsten bronze oxide tungsten acid tungstate metatungstate acid metatungstate paratungstate acid paratungstate peroxotungstic acid pertungstate heteropoly acid containing tungsten. Reacting at a temperature of 120-300 °C and a hydrogen pressure of 1-13 MPa under hydrothermal conditions to accomplish one-step catalytic conversion. It realizes efficient highly selective high yield preparation of ethylene glycol and propylene glycol from polyhydroxy compounds. The advantage of processes disclosed in this invention include renewable raw material and high atom economy.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.677/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CHARACTERIZING A PHYSICAL CAPABILITY BY MOTION ANALYSIS

(51) International classification	:G06F3/041
(31) Priority Document No	:61/238,039
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047067
Filing Date	:29/08/2010
(87) International Publication No	:WO/2011/026001
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Allen Joseph SELNER

Address of Applicant :1140 The Strand Manhattan Beach California 90266 United States of America

(72)Name of Inventor :

1)Allen Joseph SELNER

(57) Abstract :

Motion Analysis is used to classify or rate human capability in a physical domain via a minimized movement and data collection protocol producing a discreet overall figure of merit of the selected physical capability. The minimal protocol is determined by data mining of a more extensive movement and data collection. Protocols are relevant in medical sports and occupational Applications. Kinematic kinetic body type Electromyography (EMG) Ground Reactive Force (GRF) demographic and psychological data are encompassed. Resulting protocols are capable of transforming raw data representing specific human motions into an objective rating of a skill or capability related to those motions.

No. of Pages : 38 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.671/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING CONTENTS VIA NETWORK&NBSP; METHOD AND APPARATUS FOR RECEIVING CONTENTS VIA NETWORK&NBSP; AND METHOD AND APPARATUS FOR BACKING UP DATA VIA NETWORK&NBSP; BACKUP DATA PROVIDING DEVICE&NBSP; AND BACKUP SYSTEM□

(51) International classification	:G06Q 50/00, G06F 15/16
(31) Priority Document No	:10-2009-0077875
(32) Priority Date	:21/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2010/005566 :20/08/2010
(87) International Publication No	:WO/2011/021909
(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)SAMSUNG ELECTRONICS CO . LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do Republic of Korea

(72)**Name of Inventor :**

- 1)LEE Keum-Koo
- 2)SUNG Ju-Yun
- 3)KIM Sun-Ae
- 4)CHOO Hee-Jeong
- 5)KWAHK Ji-Young

(57) Abstract :

Provided are methods and apparatuses for providing contents via a network in which original data of contents provided via a network can be traced and contents that are modified according to performance of a contents receiving device is provided. Location information of original contents is added to metadata of contents provided via the network to thereby increase convenience of access to the original contents and modify attributes of contents that are provided to be suitable for the performance of the contents receiving

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.679/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A BREAK SYSTEM COMPRISING A RETRACTOR

(51) International classification	:B26D5/34	(71)Name of Applicant :
(31) Priority Document No	:13/071,837	1)DEERE & COMPANY
(32) Priority Date	:25/03/2011	Address of Applicant :ONE JOHN DEERE PLACE,
(33) Name of priority country	:U.S.A.	MOLINE, ILLINOIS, 61265, UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HINDS MICHAEL L
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A harvester for harvesting stalks of stalk-like plants. The harvester includes a chassis, at least one ground contacting propulsion device connected to the chassis, and a basecutter assembly. The basecutter assembly is coupled to the chassis. The basecutter assembly includes a plurality of cutting knives and a pair of counter rotating plates. The pair of counter rotating plates include a first plate and a second plate, each of which have at least one of the plurality of cutting knives attached thereto. The first plate rotates about a first axis. The first plate has at least one portion thereof that extends in a radial direction such that the portion would interfere with the knife of the second plate except that the first plate is offset in a direction parallel to said first axis relative to said knife of said second plate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/03/2012

(21) Application No.679/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IDENTIFICATION AND QUANTIFICATION OF BIOMARKERS FOR EVALUATING THE RISK OF PRETERM BIRTH

(51) International classification	:G01N33/68	(71) Name of Applicant :
(31) Priority Document No	:61/235,503 (US)	1)UNIVERSITY OF UTAH RESEARCH FOUNDATION Address of Applicant :615 Arapeen Drive Suite 310 Salt Lake City UT 84108 UNITED STATES OF AMERICA
(32) Priority Date	:20/08/2009	2)BRIGHAM YOUNG UNIVERSITY
(33) Name of priority country	:U.S.A.	3)IHC HEALTH SERVICES
(86) International Application No	:PCT/US2010/045957	(72) Name of Inventor :
Filing Date	:19/08/2010	1)GRAVES Steven W.
(87) International Publication No	:WO/2011/022526	2)ESPLIN Michael Sean
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein are methods for evaluating the risk of preterm birth in pregnant subjects. The methods involve detecting and quantifying a first biomarker and a second biomarker associated with preterm birth in a biological sample from the subject. Also described herein are isolated biomarkers and kits useful in predicting the risk of preterm birth.

No. of Pages : 58 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/03/2012

(21) Application No.680/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AXIAL-FLOW BLOWER ARRANGEMENT

(51) International classification	:B60H 1/00
(31) Priority Document No	:10 2009 054 343.0
(32) Priority Date	:24/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/007046
Filing Date	:19/11/2010
(87) International Publication No	:WO/2011/063916
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPHEROS GMBH

Address of Applicant :Friedrichshafener Str. 9-11 82205
Gilching GERMANY

(72)Name of Inventor :

1)SCHALLER Ralph

2)SCHEID Helmut

3)ELLINGER Klaus

4)BERGER Uwe

(57) Abstract :

An axial-flow blower arrangement for the condenser (28) of a roof-mounted air conditioning installation including two evaporator units (3-4) and a condenser unit (2) arranged between them comprises at least two blower modules (1) each of which has a box-shaped downwardly open hood (10) which has a cover wall (12) and walls (14-15-16-17) which in the mounted condition extend downwardly from the cover wall and which together with the cover wall enclose an air suction chamber (26) out of which an axial-flow blower (23) mounted under the cover wall sucks air and discharges it into the atmosphere through an air outlet opening (20). The walls of the air suction chamber of each blower module extend in the mounted condition so far downwardly to the horizontally lying condenser (28) which completely covers over the open underside of the hood (10)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.666/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : USE OF AEROSOLIZED ANTIBIOTICS FOR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASE

(51) International classification	:A61K31/496
(31) Priority Document No	:61/235,319
(32) Priority Date	:19/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002307
Filing Date	:19/08/2010
(87) International Publication No	:WO/2011/022075
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MPEX PHARMACEUTICALS INC.

Address of Applicant :11535 Sorrento Valley Road San Diego CA 92121 United States of America

(72)**Name of Inventor :**

1)Michael N. DUDLEY

2)Neil BERKLEY

3)David C. GRIFFITH

4)Jeffery S. LOUTIT

5)Elizabeth E. MORGAN

6)Keith A. BOSTIAN

7)Sanjay SETHI

(57) Abstract :

The present invention relates to methods and compositions for treating obstructive pulmonary disorders. In particular compositions and methods described herein relate to the use of an aerosolized antibiotic for treating obstructive pulmonary disorders including chronic obstructive pulmonary disorder (COPD) and chronic bronchitis (CB).

No. of Pages : 64 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.667/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROTON EXCHANGE MEMBRANE WATER ELECTROLYSER CELL MODULE DESIGN

(51) International classification	:C25B 1/04
(31) Priority Document No	:61/272,126
(32) Priority Date	:19/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001161
Filing Date	:23/07/2010
(87) International Publication No	:WO/2011/020172
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEXT HYDROGEN CORPORATION

Address of Applicant :2680 Matheson Blvd. East Suite 102
Mississauga Ontario L4W 0A5 Canada.

(72)Name of Inventor :

1)HINATSU James T.

2)STEMP Michael C.

(57) Abstract :

A PEM water electrolyser module comprising a plurality of structural plates each having a sidewall extending between opposite end faces with a half cell chamber opening at least one oxygen degassing chamber opening and at least one hydrogen gas collection manifold opening extending through the structural plate between opposite end faces. The structural plates are arranged in face to face juxtaposition between opposite end plates.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.676/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROCESS FOR ENABLING SECONDARY EXPANSION OF EXPANDABLE BEADS

(51) International classification	:B29C44/08	(71) Name of Applicant :
(31) Priority Document No	:13/178,272	1)Lifoam Industries
(32) Priority Date	:07/07/2011	Address of Applicant :235 Schilling Circle Hunt Valley MD 21031 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)Pawloski Adam R.
Filing Date	:NA	2)Cernohous Jeffrey J.
(87) International Publication No	: NA	3)Kaske Kent
(61) Patent of Addition to Application Number	:NA	4)Gorden Garrett Van
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention enables the secondary expansion of lightweight foamed beads. The foamed beads are produced using a compound comprising a compostable or biobased polyester and a physical blowing agent as well as a chemical blowing agent. Secondary expansion can be used either to lower the density of the foamed bead further or to enable expansion of the beads during molding to promote fusion. The foam beads can be produced using conventional melt processing techniques, such as single and twin-screw extrusion processes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.676/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTI-PACK GIFT CARD SYSTEM AND METHODS

(51) International classification	:G06Q 30/00, B42D 15/04
(31) Priority Document No	:61/238,575
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047367
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/026123
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WILEN Richard

Address of Applicant :3333 S.W. 15th Street Deerfield Beach FL 33442 United States of America

(72)Name of Inventor :

1)WILEN Richard

(57) Abstract :

Gift card distribution systems and methods are described for distributing a card issuers or a plurality of card issuers gift cards to consumers who are potential gift givers. The gift cards can be contained within a gift card multi-pack that features a plurality of gift card packages. Each gift card package can feature one of the gift cards a mailing envelope a greeting card and an instruction sheet. The gift card package may also feature an advertisement. The gift giver can then mail or deliver one of the gift cards as well as other components of the gift card package to a gift recipient. The gift card multi-pack can include several shrink-wrapped gift card packages that can be mailed to a gift giver inside of a first class postage billing envelope.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.698/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING HYBRID NEGATIVE PLATE FOR LEAD-ACID STORAGE BATTERY AND LEAD-ACID STORAGE BATTERY□

(51) International classification	:H01M 4/14, H01G 9/058	(71) Name of Applicant : 1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION Address of Applicant :Limestone Avenue Campbell ACT 2612 Australia
(31) Priority Document No	:2009-196200	2)THE FURUKAWA BATTERY CO. LTD.
(32) Priority Date	:27/08/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)FURUKAWA Jun
(86) International Application No Filing Date	:PCT/JP2010/064985 :26/08/2010	2)MOMMA Daisuke
(87) International Publication No	:WO/2011/025058	3)TAKADA Toshimichi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)AKASAKA Yuichi
(62) Divisional to Application Number Filing Date	:NA :NA	5)SHIBATA Satoshi
		6)LAM Trieu Lan
		7)LOUEY Rosalie
		8)HAIGH Peter Nigel

(57) Abstract :

Disclosed is a method for manufacturing a composite negative capacitor plate for use in a lead-acid battery. Said method increases manufacturing efficiency and productivity and improves the low-temperature discharge characteristics and rapid-charge/discharge characteristics of the lead-acid battery in PSoC operation. In the disclosed method a carbon mix is formed into a sheet said carbon mix comprising two types of carbon material and at least a binder mixed together. The two types of carbon material are a first carbon material which is electrically conductive and a second carbon material which has a capacitance and/or a pseudocapacitance. The composite negative capacitor plate is then manufactured by pressure-bonding the fabricated carbon mix sheet to the surface of a wet plate filled with a negative-electrode active material. A lead-acid battery provided with the disclosed composite negative capacitor plate has improved discharge characteristics.

No. of Pages : 57 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2012

(21) Application No.681/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUPPRESSING NOISE IN AN AUDIO SIGNAL□

(51) International classification	:G10L 21/02, G11B 20/24	(71) Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America
(31) Priority Document No	:61/247,888	
(32) Priority Date	:01/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/051209 :01/10/2010	(72) Name of Inventor : 1)RAMAKRISHNAN Dinesh 2)SHAHRI Homayoun 3)WANG Song
(87) International Publication No	:WO/2011/041738	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

An electronic device for suppressing noise in an audio signal is described. The electronic device includes a processor and instructions stored in memory. The electronic device receives an input audio signal and computes an overall noise estimate based on a stationary noise estimate a non-stationary noise estimate and an excess noise estimate. The electronic device also computes an adaptive factor based on an input Signal-to-Noise Ratio (SNR) and one or more SNR limits. A set of gains is also computed using a spectral expansion gain function. The spectral expansion gain function is based on the overall noise estimate and the adaptive factor. The electronic device also applies the set of gains to the input audio signal to produce a noise-suppressed audio signal and provides the noise-suppressed audio signal.

No. of Pages : 70 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.705/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PADDING OVERLAP.

(51) International classification	:B60N2/48	(71) Name of Applicant : 1)GRAMMER AG Address of Applicant :GEORG-GRAMMER-STRASSE 2, 92224 AMBERG, GERMANY
(31) Priority Document No	:10 2011 015 348.9	
(32) Priority Date	:28/03/2011	
(33) Name of priority country	:Germany	(72) Name of Inventor : 1)ROLAND UEBELACKER 2)JOHANN DEML 3)ANDREJ SCHUSTJEW
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a vehicle seat (1) with a framework (2) for fastening the vehicle seat (1) to a vehicle body (6), with a seat part (3), with a backrest (4) and with a head support (5) comprising a head support suspension (9), in which the seat part (3) and the backrest (4) are arranged on the framework (2), in which the head support suspension (9) is formed by the framework (2) or is fastened to the framework (2) and in which the head support suspension (9) has a suspension part (12) on the side towards the framework and a suspension part (13) on the side towards the backrest, wherein the suspension part (13) on the side towards the backrest is arranged outside the backrest (4).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.712/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MODULAR INTERLOCKING CONTAINERS

(51) International classification	:B65D21/02
(31) Priority Document No	:61/235,687
(32) Priority Date	:21/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046060
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/022578
(61) Patent of Addition 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)Timothy Carlson

3)A. Irene Hendrickson

(72)Name of Inventor :

1)B. Everett Hendrickson

2)Timothy Carlson

3)A. Irene Hendrickson

(57) Abstract :

A Modular interlocking container comprising a top end section comprising an opening formed by a neck protruding from a surface of the section; a bottom end section comprising an indentation formed in the bottom end surface shaped to receive a second top end protruding neck formed on a second container; a plurality of lateral walls wherein each lateral edge of a wall connects to a lateral edge of an adjacent wall thereby forming a walled unit having a polygonal cross section wherein the top end section connects securely to a first end of the walled unit and the bottom end section connects securely to a second end of the walled unit thereby forming a container; a handle laterally connected to a first wall of the container; and a ressed groove formed laterally within a second wall of the container.

No. of Pages : 82 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.727/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A SILICONE PRESSURE-SENSITIVE ADHESIVE

(51) International classification	:C08G 77/44
(31) Priority Document No	:61/236,576
(32) Priority Date	:25/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046487
Filing Date	:24/08/2010
(87) International Publication No	:WO/2011/031452
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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48686 United States of America

(72)**Name of Inventor :**

1)CRAY Stephen Edward

2)DAVIO Delphine

3)EKELAND Robert Alan

4)STAMMER Andreas

(57) Abstract :

Silicone pressure sensitive adhesive (PSA) compositions and methods for their preparation are provided. In one embodiment PSAs are formed from a silicone polymer mixture by condensation polymerization of low viscosity polyorganosiloxanes in inert solvents and/or silicone fluids and optionally adding a silicone resin (MQ) during polymerization. The silicone polymer mixture formed may also be mixed with a silicone resin (MQ) and bodying catalyst and bodying is allowed to continue until the desired reaction product is formed.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/03/2012

(21) Application No.678/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING LIQUEFIED MATERIAL FROM GLYCERIN-BASED SOLID MATERIAL

(51) International classification	:C10L 1/02	(71) Name of Applicant :
(31) Priority Document No	:2009-199944 (JP)	1)ONEWORLD CORPORATION
(32) Priority Date	:31/08/2009	Address of Applicant :102 Neo-Osakajokoen No.2 1-2 Shiginonishi 2-chome Joto-ku Osaka-shi Osaka 5360014 Japan
(33) Name of priority country	:Japan	2)ITO Tomoaki
(86) International Application No	:PCT/JP2010/064673	(72) Name of Inventor :
Filing Date	:30/08/2010	1)ITO Tomoaki
(87) International Publication No	:WO/2011/024989	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method for producing a liquefied material from a glycerin-based solid material the method allowing a glycerin-based solid material to be efficiently liquefied to produce a liquefied material that can be used as for example a fuel or the like. The method for producing a liquefied material according to the present invention is characterized in that a glycerin-based solid material such as a glycerin-based solid material produced as a byproduct in the production of a biodiesel fuel from a plant oil is mixed with at least one oil selected from the group consisting of a mineral oil an animal oil and a plant oil; and an acid to produce a liquefied material the acid being mixed in such that the pH of the liquefied material is 3 to 12

No. of Pages : 50 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2012

(21) Application No.696/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR SENDING AND RECEIVING IMAGE STREAMS&NBSP; RECORDING MEDIUM&NBSP; SENDING DEVICE&NBSP; CONVERSION MODULE FOR THESE METHODS

(51) International classification	:G06F17/30, G06F17/60	(71) Name of Applicant : 1)Viaccess Address of Applicant :Les Collines de l'Arche Tour Operera C 92057 PARIS L a Dfense FRANCE
(31) Priority Document No	:FR 09/57438	
(32) Priority Date	:22/10/2009	
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/065792	1)PIRA Emmanuel
Filing Date	:20/10/2010	
(87) International Publication No	:WO/2011/048142	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This method for sending a stream of plain images comprises the conversion (108) by means of a secret invertible transform of the images of the plain image stream to obtain a converted image stream that is encoded and sent instead of the plain image stream this secret invertible transform converting each image of a succession of plain images: - in permutating identically the position of pixels of each image of the succession of plain images and/or - in modifying identically colors of pixels of each image of the succession of plain images so that the conversion made to each plain image is directly perceptible by a human being when the converted image is displayed on a screen without having the inverse transform applied preliminarily to it.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.697/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METADATA TAGGING SYSTEM&NBSP; IMAGE SEARCHING METHOD AND DEVICE&NBSP; AND METHOD FOR TAGGING A GESTURE THEREOF□

(51) International classification	:G06T 7/00, H04N 1/387
(31) Priority Document No	:10-2009-0077507
(32) Priority Date	:21/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2010/005564 :20/08/2010
(87) International Publication No	:WO/2011/021907
(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)Keum-koo LEE

2)Ji-young KWAHK

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4)Hyun-joo OH

5)Yeon-hee Roh

6)Joon-hwan KIM

7)Soungh-min YOO

8)Min-jung PARK

(57) Abstract :

A metadata tagging system an image searching method a device and a gesture tagging method are provided. The metadata tagging system includes a first device which tags metadata to an image and transmits the image tagged with the metadata and a second device which allows at least one image from among stored images to be searched. Accordingly generated data may be searched and used more easily and conveniently.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.729/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD OF IDENTITY AUTHENTICATION AND FRAUDULENT PHONE CALL VERIFICATION THAT UTILIZES AN IDENTIFICATION CODE OF A COMMUNICATION DEVICE AND A DYNAMIC PASSWORD

(51) International classification	:H04M15/00
(31) Priority Document No	:61/243,566
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002567
Filing Date	:20/09/2010
(87) International Publication No	:WO/2011/034619
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)LIN Chung-Yu

Address of Applicant :21F. No. 236 Bo-ai 4th Rd. Zuoying District Kaohsiung City 813 Taiwan.

(72)**Name of Inventor :**

1)LIN Chung-Yu

(57) Abstract :

A method of identity authentication and fraudulent phone call verification uses an identification code of a communication device and a dynamic password. The dynamic password is directly sent to an Internet user via a dynamic web-page of a specific website instead of by means of a traditional telephone short message. Thus the dynamic password cannot be copied from the spyware infected communication device of the Internet user. Furthermore even if the dynamic password is intercepted or otherwise discovered by a hacker or intruder authentication is still secure because the dynamic password must be sent back to the specific website via a short message or the like from the same communication device having the corresponding identification code that was initially input by the Internet user in order to generate the dynamic password.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.699/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR ESTABLISHING A WIRELESS LINK KEY □

(51) International classification	:H04W 12/04, H04L 29/06	(71) Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America
(31) Priority Document No	:12/571,014	
(32) Priority Date	:30/09/2009	
(33) Name of priority co□ntry	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/050985 :30/09/2010	(72) Name of Inventor : 1)XIAO Lu 2)KIM Yong Jin 3)JIA Zhanfeng 4)JULIAN David Jonathan
(87) International Publication No	:WO/2011/041597	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a method for establishing a wireless link key between a remote device (102) and a group device (GDn). In the method the remote device obtains (210) a group identifier from the group device and determines (220) whether the group device is associated with a group having a trust association with the remote device. When the group device is determined to be associated with a group having an established trust association with the remote device the remote device forwards (230) a link setup request to the group device for virtually pairing with the group device using the trust association to establish the wireless link key. ...

No. of Pages : 38 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.706/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR REMOVING TARS FROM SYNTHESIS GAS OBTAINED DURING GASIFICATION OF BIOMASS

(51) International classification	:C10J3/84, C10K1/18	(71) Name of Applicant : 1)STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND Address of Applicant :Westerduinweg 3 NL-1755 LE Petten
(31) Priority Document No	:2003547	
(32) Priority Date	:25/09/2009	The Netherlands
(33) Name of priority country	:Netherlands	
(86) International Application No	:PCT/NL2010/050584	
Filing Date	:24/09/2010	
(87) International Publication No	:WO/2011/031156	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ZWART Robin Willem Rudolf
(62) Divisional to Application Number	:NA	2)BOS Alexander
Filing Date	:NA	3)KUIPERS Johannes

(57) Abstract :

Method and system for gasifying biomass. Tar loaded gas from the reactor for gasifying the biomass is subjected to a saturation and absorption treatment with a first and second fluid respectively. The first fluid comprises aromatic hydrocarbons whilst the second fluid comprises linear hydrocarbons. Tars received in the aromatic fluid is entered together with such fluid in a separation column. Separation is effected based on evaporation temperature and the lighter fraction is returned to the inflow of the saturation separator. The heavier fractions are either discharged or sent back to the biomass reactor. An intermediate buffer vessel can be provided between the discharge of the saturation cleaner and the separator.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2012

(21) Application No.731/MUM/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LEVEL INDICATOR DEVICE FOR THE RESERVOIR OF A REFRIGERATOR DOOR□

(51) International classification	:F25D23/02	(71) Name of Applicant :
(31) Priority Document No	:PI-	1)WHIRLPOOL S.A
(32) Priority Date	1101378-8	Address of Applicant :Brazilian Society CNPJ: 59.105.999/0001-86 12.295 Nações Unidas Avenue 32nd floor
□(33) Name of priority country	:21/03/2011	04578-000 - New Brooklyn- Sfo Paulo- SP Brazil
(86) International Application No	:Brazil	(72) Name of Inventor :
Filing Date	:NA	1)EDSON CORDEIRO
(87) International Publication No	: NA	2)EDSON LUIZ IZUI
(61) Patent of Addition to Application Number	:NA	3)ADEMAR TESTONI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention refers to a level indicator for the reservoir of a refrigerator door comprised of a reservoir (1) installed in the inner region of the door (P) of refrigerators (R) and provided with a bottom nozzle (11), a level indicator (2) of the fluid existing in the outer region of the door (P) of the reservoir (1); and an interconnection pipe (3) between the reservoir (1) and the level indicator (2), the indicator level (2) is located on the outer face of the door (P) of the refrigerator (R) and consists of an elongate and transparent compartment capable of internally accommodating a given volume of liquid to indicate, by the action of gravity and by communicating vessels system, the fluid volume existing inside the reservoir (1).

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2012

(21) Application No.731/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD OF DECODING A MULTI-VIEW IMAGE □

(51) International classification	:H04N13/00
(31) Priority Document No	:60/907,614
(32) Priority Date	:11/04/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2008/001262
Filing Date	:06/03/2008
(87) International Publication No	:WO/2008/126986
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2018/MUMNP/2009
Filed on	:28/10/2009

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(72)Name of Inventor :

1)CHOI Jong-Bum

2)SHIM Woo-Sung

3)SONG Hak-Sup

4)MOON Young-Ho

(57) Abstract :

A Method and apparatus for encoding and decoding a multi-view image are provided. The method of encoding a multi-view image includes determining whether each of pictures included in multi-view image sequences is a reference picture referred to by other pictures included in the multi-view image sequences for inter-view prediction and encoding the pictures using at least one of inter-view prediction and temporal prediction based on the determination result thereby efficiently encoding and decoding the multi-view image at high speed.

No. of Pages : 29 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.728/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COATING DEVICE AND COATING METHOD FOR METAL STRIPS

(51) International classification	:B05C 1/08, B05C 9/04
(31) Priority Document No	:2009-247790
(32) Priority Date	:28/10/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/069388 :26/10/2010
(87) International Publication No	:WO/2011/052761
(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)JFE STEEL CORPORATION

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(72)Name of Inventor :

1)SAKURAGI Koji

2)TAKADA Naoyuki

(57) Abstract :

A coating device which sequentially combines, by means of welding, metallic bands (101, 102) being conveyed and continuously coats the metallic bands. The coating device is provided with: a welding means (10) for welding the rear end portion (101a) of the preceding metallic band (101) of adjacent metallic bands (101, 102) and the front end portion (102a) of the following metallic band (102) to each other with the rear end and front end portions (101a, 102a) overlapped with each other; a thickness reducing means (20) for pressing the welded joint portion (1) between the metallic bands (101, 102), which have been welded to each other by the welding means (10), to reduce the thickness of the welded joint portion (1); and a coating means (30) having a pair of roller coaters (30A, 30B), which are disposed so as to face each other and sandwich the metallic bands (101, 102) from both sides in the thickness direction thereof, and coating both the surfaces of each of the metallic bands. As a result of the configuration, the applicator rollers are not damaged and the product yield rate and work efficiency are improved.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.737/MUMNP/2011 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD FOR RESOLVING ENANTIOMERS OF A COMPOUND OF THE FORMULA (III)

(51) International classification	:A61K31/505
(31) Priority Document No	:60/294,775
(32) Priority Date	:31/05/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB02/01905
Filing Date	:29/05/2002
(87) International Publication No	:WO/2002/096909
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:991/MUMNP/2003
Filed on	:27/10/2003

(71)Name of Applicant :

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(72)Name of Inventor :

1)GLENN ERNEST WILCOX

2)CHRISTIAN KOECHER

3)TON VRIES

4)MARK EDWARD FLANAGAN

5)MICHAEL JOHN MUNCHHOF

(57) Abstract :

A method for resolving enantiomers of a compound containing the structure of the formula (I): wherein R4 or R5 may contain one or more asymmetric centers, by mixing a racemic mixture of enantiomers of a compound, containing the structure of said formula; in a solvent, with a resolving compound having a defined stereospecificity, to form a solution and with said resolving agent being capable of binding with at least one but not all of said enantiomers to form a precipitate, containing said at least one of said enantiomers in stereospecific form and collecting either the precipitate and purifying it or collecting the solution with contained other of said enantiomers and recrystallizing the enantiomer contained in said solution.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.701/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE CAPABLE OF NOTIFYING OPERATION STATE CHANGE THEREOF THROUGH NETWORK AND COMMUNICATION METHOD OF THE DEVICE□

(51) International classification	:H04W 8/24
(31) Priority Document No	:10-2009-0077873
(32) Priority Date	:21/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/005535
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/021886
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)YU Seung-Dong

2)CHANG Woo-Yong

3)PARK Se-Jun

4)MOON Min-Jeong

(57) Abstract :

A method of notifying an operation state change is provided. A network is formed among devices that can be used by a user and that can perform network communication. When an operation state change of a first device in the network occurs at least one device is sought which is currently used by the user in the network. Information regarding the operation state change of the first device is transmitted to the at least one device such that the information regarding the operation state change of the first device can be displayed on a display unit of the at least one device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2012

(21) Application No.702/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SHARING FUNCTIONS BETWEEN DEVICES VI □ A
NETWORK □

(51) International classification	:H04L12/28	(71) Name of Applicant :
(31) Priority Document No	:10-2009 -0078439	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:24/08/2009	Address of Applicant :416 Maetan-dong Yeongtong-gu Suwon-si Gyeonggi-do 442-742 Republic of Korea
(33) Name of □riority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2010/005615	1)LEE Keum-Koo
Filing Date	:24/08/2010	2)CHOO Hee-Jeong
(87) International Publication No	:WO/2011/025207	3)SUNG Ju-Yun
(61) Patent of Addition to Application Number	:NA	4)KWAHK Ji-Young
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of sharing a function via a network includes selecting a second device having a shared function desired by a first device from among at least one device connected to the network linking the first device with the second device via the network transmitting original multimedia content from the first device to the second device via the network and performing the shared function with respect to the original multimedia content in the second device and transmitting result data of the performing of the shared function to the first device via the network.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2012

(21) Application No.714/MUMNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : REMOTE DATA BACKUP METHOD AND REMOTE DATA BACKUP SYSTEM USING THE SAME□

(51) International classification	:H04B7/00
(31) Priority Document No	:10-2009-0077499
(32) Priority Date	:21/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/005559
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/021902
(61) Patent of Addition to 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 Seung-dong

2)CHANG Woo-yong

3)PARK Se-jun

4)MOON Min-jeong

(57) Abstract :

A remote data backup method and a remote data backup system using the same are provided. The remote data backup system includes a data generating device which transmits data based on communication status a data transmitting device which transmits the received data to outside and a remote backup device which backs up the received data on real-time basis. As a result images are transmitted to outside and backed up on real-time basis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2012

(21) Application No.1000/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DATA CENTER AIR ROUTING SYSTEM

(51) International classification	:H05K 7/20
(31) Priority Document No	:12/605,992
(32) Priority Date	:26/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053661
Filing Date	:22/10/2010
(87) International Publication No	:WO 2011/053516
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

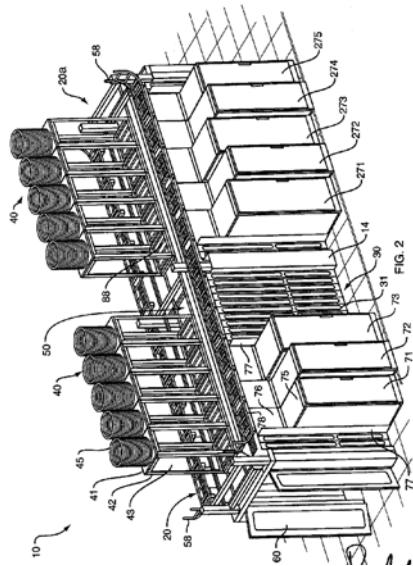
1)BEDNARCIK, EDWARD

2)TRESH, MICHAEL

3)JACKSON, BRIAN

(57) Abstract :

A data center air routing system (10) that may function as a hot aisle or as a cold aisle. The data center air routing system (10) includes one or more free-standing, essentially identical, modular system units (20, 20a). Each modular unit (20, 20a) has two sidewalls (30), a ceiling (50), and a door or panel (60) at either end to form an interior, enclosed aisle. Two or more modular units (20, 20a) may be coupled together end-to-end. Each modular unit (20, 20a) further includes one or more sidewall blanking panels (31) that may be removed to create gaps of varying height and width to accommodate one or more IT racks (71-73, 271-275). Each modular unit (20, 20a) may also include one or more ceiling-mounted air ducts (45), baffles (88) and fans (87) to manage air flow.



No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2012

(21) Application No.1001/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMPROVED MIDDLE EAR IMPLANT AND METHOD

(51) International classification	:H04R 25/02
(31) Priority Document No	:61/247,742
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002667
Filing Date	:01/10/2010
(87) International Publication No	:WO 2011/040977
(61) Patent of Addition to Application Number	:NA
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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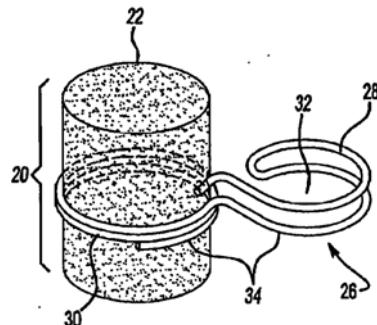
2)SPEARMAN, BRIAN, M.

3)HOLLNAGEL, ERIC, M.

4)KRAUS, ERIC, M.

(57) Abstract :

An improved middle ear implant and method are disclosed. The invention particularly relates to magnetic implants and to attachment devices and methods for mounting a magnet in the middle ear of a patient. The implant comprises a wire-form and a magnet disposed in a housing. The method may comprise the steps of: positioning a magnet in optimal alignment; and attaching said magnet to an ossicle in the middle ear. The method may further comprise the step of using a wire-form to attach the implant to the ossicle. Still further, the method may comprise the step of anchoring the implant to the ossicle with biological cement.



No. of Pages : 26 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1015/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EDGE SEALANT COMPOSITION WITH REACTIVE OR UNSATURATED POLYOLEFINS

(51) International classification :H02N 6/00
(31) Priority Document No :61/251,542
(32) Priority Date :14/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052718
 Filing Date :14/10/2010
(87) International Publication No :WO 2011/047185
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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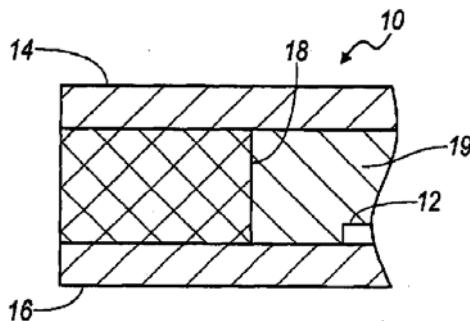
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(72)Name of Inventor :

1)WOOD, JAMES
2)RASAL, RAHUL
3)LAMB, KATHLEEN
4)BECKER, HARALD
5)BRÜCHER, HEIKE
6)SCHOTT, NORBERT

(57) Abstract :

A solar module includes a photovoltaic device that has an edge seal. The sealant composition of the edge seal includes an unsaturated or reactive polyolefin, an olefinic polymer, a silane modified polyolefin, inert fillers, a water scavenger or desiccant, an antioxidant, and a UV stabilizer. These components are balanced to produce a sealant having desirable sealing characteristics, high weatherability, desired rheology, low conductivity, and good thermal stability.



No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1016/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ELECTRIC HEATING SYSTEM, IN PARTICULAR FOR A HYBRID VEHICLE OR ELECTRIC VEHICLE

(51) International classification	:H05B 3/06
(31) Priority Document No	:10 2010 013 372.8
(32) Priority Date	:30/03/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2011/054775 :29/03/2011
(87) International Publication No	:WO 2011/120946
(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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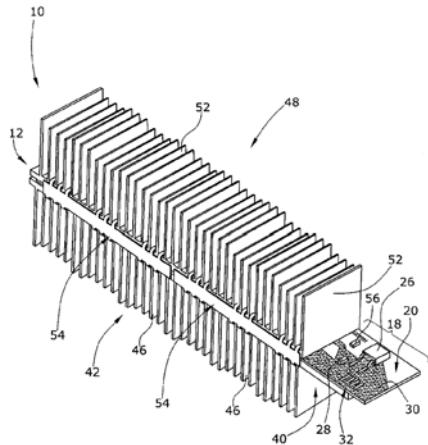
(72)Name of Inventor :

1)TRAPP, RALPH

2)RÖHLING, HANS-DIETER

(57) Abstract :

The electric heating system, in particular for a hybrid vehicle or electric vehicle, is provided with a heating module (10). The heating module (10) is provided with an electrically insulating, heat conducting ceramic substrate (14) which has a heating zone (16) and a control zone (18) which are spaced apart from one another. The heating module (10) comprises an electrical resistance heating element (22) which is arranged on the ceramic substrate (14), in the heating zone (16) thereof, and which is embodied as a resistance heating conductor (24) which is mounted on the ceramic substrate (14). Further, the heating module (10) comprises a transistor (26) for controlling the current through the resistance heating conductor (24), wherein the transistor (26) and other optionally present electrical components (28) and conductor tracks (30) are arranged in the control zone (18) on the ceramic substrate (14). The heating module (10) is provided with a first cooling element (42) which is thermally coupled to the heating zone (16) of the ceramic substrate (14).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2012

(21) Application No.1002/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : WIND TURBINE

(51) International classification	:F03D 7/02
(31) Priority Document No	:102009044570.6
(32) Priority Date	:17/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065372
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/061015
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SSB WIND SYSTEMS GMBH & CO. KG

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(72)Name of Inventor :

- 1)BERTOLOTTI, FABIO**
- 2)KESTERMANN, HERMANN**
- 3)THIER, MARC-ANDRE**
- 4)BUELTEL, TOBIAS**
- 5)UPSING, JOSEF**
- 6)DAEMBERG, TOBIAS**
- 7)WIBBEN, NORBERT**

(57) Abstract :

The invention relates to a wind turbine comprising a machine support (5), a rotor (6) which can be driven by wind (13) to rotate about the rotor axis (7) and is mounted so that it can rotate on the machine support (5) about a rotor axis (7), said rotor comprising a rotor hub (8) and several rotor blades (9, 10) which extend respectively in the direction of a blade axis (11, 12) running transverse or essentially transverse to the rotor axis (7) and are mounted so that they can rotate on the rotor hub (8) about the respective blade axis (11, 12), blade angle adjustable drives (17, 18) are arranged on the rotor (6) and enable the rotor blades (9, 10) to rotate about the blade axes thereof (11, 12), at least one blade angle control device (24) is coupled to the blade angle adjusting drives (17, 18) and can control the blade angle adjusting drives (17, 18), and at least one electric generator (15) which is mechanically coupled to the rotor (6) and which can be driven by said rotor, said generator can generate electric energy. Said blade angle control device (24) comprises several control units (22, 23) which are respectively coupled to the blade angle adjusting drives (17, 18) enabling a first control unit (22) to be fixed to the rotor (6) and a second control unit (23) to be fixed to the machine support (5).

No. of Pages : 48 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2012

(21) Application No.1003/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SWITCHGEAR CABINET FOR A WIND TURBINE

(51) International classification	:F03D 11/00
(31) Priority Document No	:202009018040.9
(32) Priority Date	:17/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065377
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/061016
(61) Patent of Addition 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)BERTOLOTTI, FABIO**
- 2)KESTERMANN, HERMANN**
- 3)THIER, MARC-ANDRE**
- 4)BUELTEL, TOBIAS**
- 5)UPSING, JOSEF**
- 6)DAEMBERG, TOBIAS**
- 7)WIBBEN, NORBERT**

(57) Abstract :

The invention relates to a control cabinet for a wind turbine, comprising a cabinet body (24) defining an inner chamber (23) and comprising a peripheral wall (40), one or more electric circuits (19, 20, 21) arranged in the inner chamber (23) and one or more electric energy storage modules (50) which are connected to the cabinet body (24). The energy storage module(s) (50) are arranged on an exterior side of the cabinet body (24) and are detachably secured thereto.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1013/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COUPLING HEAD HAVING A HOUSING MADE FROM PLASTIC AS AN INJECTION MOLDED PART

(51) International classification	:B60T 17/04	(71) Name of Applicant :
(31) Priority Document No	:10 2009 048 446.9	1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
(32) Priority Date	:07/10/2009	Address of Applicant :MOOSACHER STR. 80, 80809 MÜNCHEN GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/064890	1)MUSER, MICHAEL
Filing Date	:06/10/2010	2)KONCZ, LÁSZLÓ
(87) International Publication No	:WO 2011/042455	3)DALI, ISTVÁN
(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 coupling head (1) for pneumatically connecting the braking system of a tractor and a trailer, wherein the coupling head comprises a housing (2) having at least one connection (6) for a flexible compressed air line (10), reinforced at least in the area of the connection (6) by at least one flexible reinforcement sleeve (12) at least partially tolerating displacements of the compressed air line (10). According to the invention, at least one part of the housing (2) of the coupling head (1) comprising the at least one connection (6) is implemented with the reinforcing sleeve (12) as an integral injection molded part (14) made from plastic, and a free end (16) of the compressed air line (10) is bonded to the injection molded part (14), protruding through the reinforcing sleeve (12) and into a connecting hole (12) of the connection (6).

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1014/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR REMOVING SOLID MATTER FROM A FIBROUS MATERIAL SUSPENSION BY MEANS OF FLOTATION

(51) International classification	:D21B 1/32
(31) Priority Document No	:10 2009 045 965.0
(32) Priority Date	:23/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/060191
Filing Date	:15/07/2010
(87) International Publication No	:WO 2011/047892
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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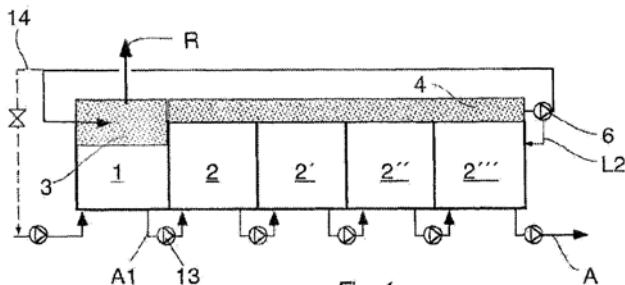
(72)Name of Inventor :

1)BRITZ, HERBERT

2)DELMAS, DELPHINE

(57) Abstract :

The invention relates to a method for removing solid matter, in particular impurities, by means of flotation from a fibrous material suspension (S), wherein the fibrous material suspension (S) is mixed with gas (L), and wherein in at least two flotation chambers (1, 2, 2, 2 , 2) flotation foam (3, 4) is formed that collects solid matter and removes it from the flotation chamber. The flotation foam (4) of at least one flotation chamber (1, 2, 2, 2, 2, 2) is at least partially conducted into at least one other flotation chamber (1), in particular in the flotation foam (3) formed therein. According to the method, the complexity can be reduced, even with high requirements regarding effect and yield.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2012

(21) Application No.1004/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : GLAZING PANEL CONDITIONING

(51) International classification	:B29C 73/02
(31) Priority Document No	:GB0919975.3
(32) Priority Date	:16/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/067087
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/057998
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

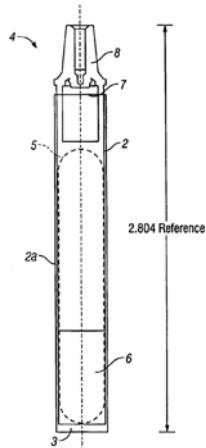
1)BELRON HUNGARY KFT-ZUG BRANCH,
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(72)Name of Inventor :

1)SYFKO, PAUL

(57) Abstract :

A conditioning agent (typically for use in repairing a flaw in a glazing panel) is contained in a sealed container which is itself disposed internally of a flexible outer walled container. Pressure applied to the outer flexible walled container can cause release of the conditioning agent from the internal conditioning agent container. The conditioning agent preparation may comprise a hygroscopic solvent (such as acetone) combined with one or more primer additives to prime the surface of the glazing panel for repair.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2012

(21) Application No.1005/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DISPLAY APPARATUS, TERMINAL, AND IMAGE DISPLAY METHOD

(51) International classification

:H04N 5/44

(31) Priority Document No

:10-2009-0109937

(32) Priority Date

:13/11/2009

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2010/006685

Filing Date

:30/09/2010

(87) International Publication No

:WO 2011/059176

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1) JOO, JAE-IL

2) CHUNG, HO-SUK

3) CHO, KANG-MYEONG

4) KASHYAP, PRAVEEN

5) GICKLHORN, DANIEL

(57) Abstract :

A display apparatus includes a display unit; a communication unit which communicates with a terminal which displays a personal image provided to the terminal, the terminal being one of a plurality of terminals; and a controller controls the display unit to display a sharing image shared among users of the plurality of terminals on the display unit and changes the sharing image displayed on the display unit in accordance with an input received from the terminal. Accordingly, there is provided a display apparatus which provides a video interface including a sharing image and a personal image, a terminal and an image display method.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2012

(21) Application No.1006/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMIDAZOLE DERIVATIVES AS IDO INHIBITORS

(51) International classification	:C07D 233/64
(31) Priority Document No	:60/255,762
(32) Priority Date	:28/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054289
Filing Date	:27/10/2010
(87) International Publication No	:WO 2011/056652
(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)TANAY KESHARWANI

6)XIAOXIA ZHANG

(57) Abstract :

Presently provided are IDO inhibitors and pharmaceutical compositions thereof, useful for modulating an activity of indoleamine 2,3-dioxygenase; treating indoleamine 2,3-dioxygenase (IDO) mediated immunosuppression; treating a medical conditions that benefit from the inhibition of enzymatic activity of indoleamine-2,3-dioxygenase; enhancing the effectiveness of an anti-cancer treatment comprising administering an anti-cancer agent; treating tumor-specific immunosuppression associated with cancer; and treating immunosuppression associated with an infectious disease.

No. of Pages : 203 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1018/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AMPLIFIER ASSEMBLY HAVING CONTROLLED RETURN OF POWER LOSS

(51) International classification	:H03F 1/02
(31) Priority Document No	:10 2009 053 622.1
(32) Priority Date	:17/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065594
Filing Date	:18/10/2010
(87) International Publication No	:WO 2011/061025
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HEID, OLIVER

(57) Abstract :

The invention relates to an amplifier assembly (1) for an initial signal (s), which has an initial frequency (f), having an input signal observer (2) to which the initial signal (s) is fed. The input signal observer (2) determines based on the initial signal (s) a first input signal (s1) which it supplies to a first amplifier (3) and a second input signal (s2) which it supplies to a second amplifier (4). The amplifiers (3, 4) amplify the input signals (s1, s2) to corresponding output signals (S1, S2). The output signals (S1, S2) have the same amplitude (A) and initial frequency (f) as each other. The phase offset (ϕ) from one another, based on the initial frequency (f), depends on the amplitude (a) value of the initial signal (s). The amplifiers (3, 4) supply the output signals (S1, S2) thereof to a common coupling element (5) which forms a data signal (N) and a loss signal (V) based on the initial signals (S1, S2). A total power which the data signal (N) and the loss signal (V) have together is independent of the phase offset (ϕ) of the output signals (S1, S2). A partial power exhibited by the data signal (N) is at a maximum if the phase offset (ϕ) of the output signals (S1, S2) has a predetermined value and reduces the output signals (S1, S2) from the predetermined value at the deviation of the phase offset (ϕ). The coupling element (5) supplies the data signal (N) to a load (6) and the loss signal (V) to a rectifier device (7). The rectifier device (7) rectifies the loss signal (V) and supplies the rectified loss signal to a power supply device (8) of the amplifier assembly (1). The rectifier device (7) has active components (9) as rectifier elements (9) which are controlled synchronously to the initial frequency (f).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1017/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CIRCUIT FOR ACTUATING AND MONITORING A MULTIPOSITION SWITCH

(51) International classification	:B61L 5/06
(31) Priority Document No	:10 2009 055 676.1
(32) Priority Date	:20/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067426
Filing Date	:15/11/2010
(87) International Publication No	:WO 2011/061131
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)REHBEIN, UWE

2)VIERLING, THOMAS

(57) Abstract :

The invention relates to a circuit for actuating and monitoring a multiposition switch that can be positioned in at least three positions by means of a switch tongue (1). In order to achieve security on the basis of proven software modules, according to the invention, a cascaded interconnection of actuating and monitoring logic of a plurality of two-position switches (4.1 to 4.4) is provided.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1020/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : YARN WINDER

(51) International classification	:B65H 51/22
(31) Priority Document No	:2009-228787
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067113
Filing Date	:30/09/2010
(87) International Publication No	:WO 2011/040542
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KINO, YOSHIHIRO

2)FUKUDA, ISAO

(57) Abstract :

In an yarn winder, a yarn is seamlessly wound without interruption. An accumulator 61 is provided with six rollers 71 that are provided on a circle and are inclined with respect to the vertical direction. As a winding arm 75 rotates around the six rollers 71, the yarn is wound onto the lower end portions of the rollers 71. As the winding arm 75 rotates in the opposite direction, the yarn Y wound on the rollers 71 is drawn out. The yarn Y wound on the rollers 71 is transported upward by five drive rollers 71a to 71e out of the six rollers 71. The remaining one adjusting roller 71f is a driven roller and is arranged so that the upper end portion thereof is inclined with respect to the vertical direction to be on a virtual circle A3 which is outside the virtual circle A1 on which the upper end portions of the other rollers 71a to 71e are positioned. With this, the circumferential length of the yarn Y wound on the rollers 71 is kept constant.

No. of Pages : 80 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1025/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : YARN WINDER

(51) International classification	:B65H 51/22
(31) Priority Document No	:2009-228941
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067117
Filing Date	:30/09/2010
(87) International Publication No	:WO 2011/040546
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KINO, YOSHIHIRO

2)FUKUDA, ISAO

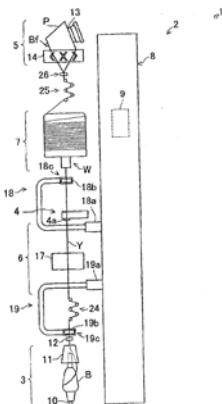
3)SONE, YOSHIFUTO

4)IMAMURA, YUJI

5)HIRAO, OSAMU

(57) Abstract :

The enlargement of a balloon on the spun yarn unwound from the yarn storage section is restrained and broken filaments of the spun yarn are laid down. The upper end portion of a yarn storage drum 27 is shaped as a curved surface portion 65 which is circular curved surface narrowing in diameter toward the upper end side, and an annular component 66 is provided on the curved surface portion 65. The annular component 66 is made of an elastic material such as rubber and is a thin plate arranged so that the difference between the radius at the outer circumference and the radius at the inner circumference is longer than the thickness, and the end portion of the annular component 66 on the inner circumference side is elastically deformed along the curved surface portion 65 so as to surface-contact, in its entire circumference, the curved surface portion 65. A spun yarn Y unwound from the yarn storage drum 27 passes through the gap between the curved surface portion 65 and the annular component 66 and is then running toward the winding section. The spun yarn Y is therefore sandwiched between the curved surface portion 65 and the annular component 66.



No. of Pages : 90 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1026/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : 2-ARYL-PROPIONAMIDE DERIVATIVES USEFUL AS BRADYKININ RECEPTOR ANTAGONISTS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification	:C07C 235/34	(71) Name of Applicant : 1)DOMPÉS.P.A. Address of Applicant :LOCALITÀ CAMPO DI PILE, I-67100 L'AQUILA ITALY
(31) Priority Document No	:09174390.6	
(32) Priority Date	:28/10/2009	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/066324	1)BECCARI, ANDREA
Filing Date	:28/10/2010	2)ARAMINI, ANDREA
(87) International Publication No	:WO 2011/051375	3)BIANCHINI, GIANLUCA
(61) Patent of Addition to Application Number	:NA	4)MORICONI, ALESSIO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

(R,S) 2-aryl-propionamide derivatives, or their single enantiomers (R) and (S) are disclosed useful in the treatment or prevention of symptoms and disorders such as pain and inflammation associated with the bradykinin B1 pathway.

No. of Pages : 47 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1041/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONTROL STRATEGY FOR AN ENGINE

(51) International classification	:F02D 41/00
(31) Priority Document No	:12/607,169
(32) Priority Date	:28/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/002753
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/051789
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SUHOCKI, CHRISTOPHER

2)SITAR, MICHAEL,J.

(57) Abstract :

A method of controlling an engine 20 includes manipulating a wastegate 76 to maintain the operation of the turbocharger 24 within an optimum operating range. A combustion air bypass valve 70 is manipulated between an open position and a closed position to create a negative pressure differential across a supercharger 26. The supercharger 26 is sequentially disposed in-line before the turbocharger 24. The negative pressure differential is converted into a torque by the supercharger 26 and transmitted from the supercharger 26 back to the engine 20 to increase the operating efficiency of the engine 20.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1019/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SYRINGE STOPPER COATED WITH EXPANDED PTFE

(51) International classification	:A61M 5/315
(31) Priority Document No	:61/256,156
(32) Priority Date	:29/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054750
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/059823
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ASHMEAD, EDGAR, G.

2)GUNZEL, EDWARD, C.

3)MORITZ, MICHAEL, P.

(57) Abstract :

A syringe stopper that is suitable for use in syringes without silicone oil or other liquid lubricants. The invention provides a low friction barrier (20) between an elastomeric stopper material (10) and a therapeutic in the syringe. The barrier may inhibit materials from leaching from the elastomer material or from extraction of compounds from medicants by the elastomer. A process is also described that allows for molding thin barrier layers while allowing adequate bonding with the elastomer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1037/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DC POWER DISTRIBUTION SYSTEM

(51) International classification	:H02J 7/34
(31) Priority Document No	:2009-253404
(32) Priority Date	:04/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/002739
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/055191
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

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(72)Name of Inventor :

1)TADASHI MATSUMOTO

2)KIYOTAKA TAKEHARA

3)KENJI NAKAKITA

(57) Abstract :

A DC power distribution system for supplying a DC power into a building, includes one or more power feeding devices which supply a DC power, a power feeding line for supplying the DC power supplied from the power feeding devices to various sites in the building and sockets located at the various sites and connected to the power feeding line. The DC power distribution system further includes a portable power feeding device which supplies a generated or stored DC power thereof to the power feeding line via a plug which is removably connected to one of the sockets.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1039/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A GASKET LOCATING ARRANGEMENTS

(51) International classification	:F16J 15/06
(31) Priority Document No	:09174589.3
(32) Priority Date	:30/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/066178
Filing Date	:26/10/2010
(87) International Publication No	:WO 2011/051291
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALFA LAVAL CORPORATE AB

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SWEDEN

(72)Name of Inventor :

1)HÖGLUND, KASPER

2)LINGVALL, MAGNUS

(57) Abstract :

The present invention relates to a gasket locating arrangement for a flow module, preferably plate reactor, comprising a gasket, locating means, a channel in a channel plate, a barrier plate, wherein the gasket consists of a sheet of soft gasket material, and said sheet has a cut through pattern corresponding to the channel in the channel plate. The present invention relates further to a use of the gasket location arrangement and also to a flow module, preferably a plate reactor, which comprises one or more gasket locating arrangements according to the invention, and one or more heat transfer means for heat transfer to and from the channel, and wherein each channel plate has one or more inlets, preferably two inlets, to the channel, and one outlet from the channel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1044/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MAKING LIQUID IRON AND STEEL

(51) International classification	:C21B13/00
(31) Priority Document No	:12/931,277
(32) Priority Date	:28/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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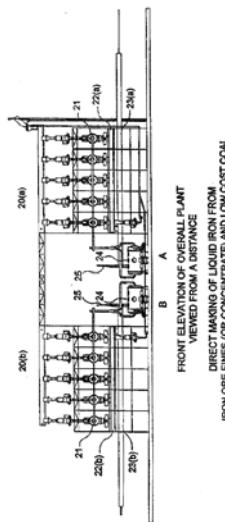
Address of Applicant :500 LEHMAN AVENUE, BOWLING GREEN, OHIO 43402 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)CALDERON, ALBERT
2)LAUBIS, TERRY JAMES
3)MCCARTHY, RICHARD OWEN**

(57) Abstract :

A carbonaceous-based metallizing method and apparatus wherein a metallic oxide is converted into a carbon-containing, metallized intermediate that is melted in an induction channel furnace to produce liquid metal from said metallic oxide. In the application of iron ore in the form of fines or concentrate, using low-cost coal will greatly reduce capital and operating costs by virtue of eliminating agglomeration of ore, cokemaking, and blast furnace operation. The liquid iron so produced is efficiently converted into steel in a steelmaking furnace such as a basic oxygen furnace (BOF), especially when it is physically integrated to the induction channel furnace wherein the liquid iron is directly poured into the integrated BOF by the induction channel furnace, producing low-cost steel, little heat loss, and minimum emissions.



No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1045/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR RETROFITTING A FOSSIL-FUELED POWER STATION WITH A CARBON DIOXIDE SEPARATION DEVICE

(51) International classification	:F01K 23/10
(31) Priority Document No	:10 2009 051 607.7
(32) Priority Date	:02/11/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/066617 :02/11/2010
(87) International Publication No	:WO 2011/051493
(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)SIEMENS AKTIENGESELLSCHAFT

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(72)Name of Inventor :

1)ULRICH GRUMANN

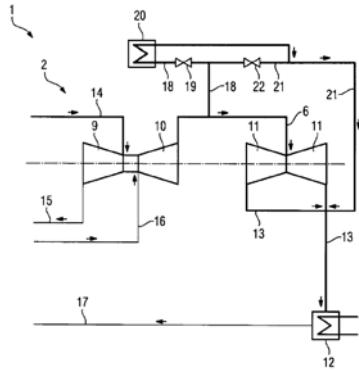
2)ULRICH MUCH

3)ANDREAS PICKARD

4)MIKE ROST

(57) Abstract :

The invention relates to a method for retrofitting a fossil-fueled power station (1) having a multiple- casing steam turbine (2) with a carbon dioxide separation device (3), in which the maximum flow rate of the steam turbine (2) is adjusted to the process steam (4) that is to be removed for the operation of the carbon dioxide separation device (3) and the carbon dioxide separation device (3) is connected via a steam line (5) to a overflow line (6) that connects two steam turbine casings.



No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1012/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SURFACE COATED CALCIUM CARBONATE FOR POLYOEFINS

(51) International classification	:C08K 9/04
(31) Priority Document No	:09176423.3
(32) Priority Date	:19/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067112
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/061096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)WOLFSCHWENGER, JOHANNES

2)PHAM, TUNG

3)GAHLEITNER, MARKUS

(57) Abstract :

The present invention relates to a polymer composition comprising a polypropylene and a beta-nucleating agent, wherein the beta-nucleating agent comprises: (a) a particulate natural mineral solid support, comprising a compound of a IUPAC Group 2 metal, and (b) on the surface of the particulate mineral solid support (b1) a salt of a dicarboxylic acid, wherein the dicarboxylic acid has from 7 to 10 carbon atoms, and (b2) a dispersing and/or grinding agent.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1021/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : YARN WINDER

(51) International classification	:B65H 51/22
(31) Priority Document No	:2009-228941
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067115
Filing Date	:30/09/2010
(87) International Publication No	:WO 2011/040544
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MURATA MACHINERY, LTD.

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JAPAN

(72)Name of Inventor :

1)KINO, YOSHIHIRO

2)FUKUDA, ISAO

3)SONE, YOSHIFUTO

(57) Abstract :

A technology for making it possible to continue winding while yarn jointing is carried out is provided. A yarn supplying portion 3 for unwinding a spun yarn Y from a yarn supplying bobbin B, a winding section 5 for winding the spun yarn Y to form a package P, an accumulator 7 provided between the yarn supplying portion 3 and the winding section 5 to store the spun yarn Y, and a yarn end drawing mechanism W for drawing out the yarn end of the stored spun yarn Y to the yarn supplying portion 3 side at the time of bobbin change of the yarn supplying bobbin B, yarn cutting, or yarn breakage are provided.

No. of Pages : 116 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1022/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NEAR FIELD COMMUNICATION AND NETWORK DATA/PRODUCT TRANSFER

(51) International classification	:G06F 7/00
(31) Priority Document No	:12/570,454
(32) Priority Date	:30/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048653
Filing Date	:13/09/2010
(87) International Publication No	:WO 2011/041092
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)TAVEAU, SEBASTIEN

2)STONE, CARL

3)NAAMAN, NADAV

4)NAHARI, HADI

(57) Abstract :

Methods and systems utilize a shake and transfer process to provide a consumer with an enhanced user experience. In a first embodiment, a purchase is made between two devices using NFC, and a shake and transfer process downloads large data, such as a movie, video, or game, from one device to the other. In a second embodiment, the user can select information or data, such as non-user contacts, photos, or videos, on the phone to transfer during a shake and transfer process. In yet another embodiment, a user may pay for purchases from an unattended merchant, such as a vending machine, using a shake and transfer process, where the user may also receive incentives, based on the user profile and/or purchase, from the unattended merchant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1042/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EDGE SEALANTS HAVING BALANCED PROPERTIES

(51) International classification	:H01L 23/29
(31) Priority Document No	:61/251,517
(32) Priority Date	:14/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052733
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/047194
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)RASAL, RAHUL

2)SNOWWHITE, PAUL

3)BECKER, HARALD

4)BRUCHER, HEIKE

5)SCHOTT, NORBERT

(57) Abstract :

A sealant composition for use in two-pane or multi-pane insulating glass or solar modules, the sealant composition including: a) an olefinic polymer having a number average molecular weight from about 100 D to about 700,000 D, preferably from about 100 D to about 300,000 D; b) a modified olefinic polymer; c) a fine-particle inert filler; d) at least one of a desiccant and a water scavenger; and e) an aging resistor. The sealant composition has a tensile strength greater than 20 PSI, preferably greater than 50 PSI, a lap shear strength greater than 20 PSI, preferable greater than 40 PSI, and the tensile and lap shear strengths balanced such that the sealant fails cohesively before failing adhesively.

No. of Pages : 49 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1043/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MANAGEMENT TECHNIQUES FOR ELECTRIC POWER GENERATION EQUIPMENT

(51) International classification	:H02J 3/38
(31) Priority Document No	:61/279,946
(32) Priority Date	:28/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054517
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/059753
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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THE STATE OF DELAWARE U.S.A.

(72)**Name of Inventor :**

1)DAHLEN, PAUL, R.

(57) Abstract :

A method for controlling power generation equipment, including bringing a generator online into a shared power bus environment, is described. The method includes determining whether the shared power bus is currently active, and whether a voltage determination fault is present with respect to a specific generator. Where the shared power bus is inactive and no fault is present, the generator is brought online in response to a load request. Where the shared power bus is active, the generator is synchronized with the shared power bus before the generator is brought online.

No. of Pages : 49 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1023/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : YARN WINDER

(51) International classification	:B65H 51/22
(31) Priority Document No	:2009-228888
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067116
Filing Date	:30/09/2010
(87) International Publication No	:WO 2011/040545
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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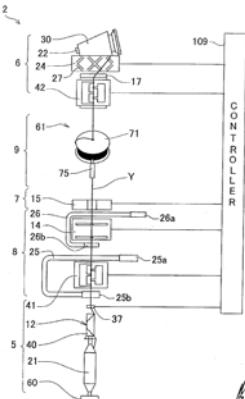
(72)Name of Inventor :

1)IMAMURA, YUJI

2)HIRAO, OSAMU

(57) Abstract :

A yarn is continuously wound by a yarn winder without interruption. When a yarn guiding member 73 guides a yarn Y to a tapered portion 71a which is the lower left end portion of a rotational storage drum 71, the yarn Y is wound onto the tapered portion 71a as the rotational storage drum 71 rotates and moves rightward and upward along the surface of the tapered portion 71a, with the result that the yarn Y is stored in the rotational storage drum 71. The yarn Y unwound from the rotational storage drum 71 passes through a gap between a rubber-made annular component 81 wrapping up the rotational storage drum 71 and the surface of the rotational storage drum 71 and runs toward a winding section 6. Furthermore, an airflow flowing from the rotational storage drum 71 side to the upper yarn guide pipe 26 side is generated by a blowdown nozzle 74 in the yarn guiding member 73 and the rotational storage drum 71 is rotated in a direction opposite to the direction at the time of winding the yarn, so that the yarn end of the yarn Y on the rotational storage drum 71 is sucked and drawn out to the upper yarn guide pipe 26.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1024/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR ENHANCING VASCULAR ACCESS

(51) International classification	:A61F7/00
(31) Priority Document No	:60/634155
(32) Priority Date	:08/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/043967
Filing Date	:06/12/2005
(87) International Publication No	: WO/2006/062909
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2362/KOLNP/2007
Filed on	:26/06/2007

(71)Name of Applicant :

1)PERVASIS THERAPEUTICS, INC.

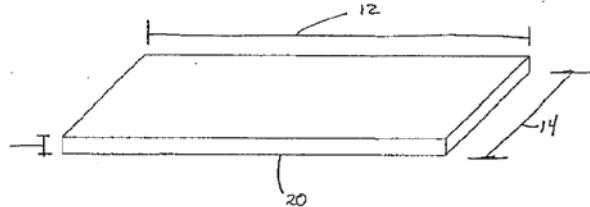
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(72)Name of Inventor :

1)NUGENT, HELEN, MARIE
2)EDELMAN, ELAZER
3)DALAL, ANUPAM
4)BOLLINGER, STEVE
5)EPPERLY, SCOTT

(57) Abstract :

Disclosed is an implantable material comprising a biocompatible matrix and cells which, when provided to a vascular access structure, can promote functionality generally. For example, implantable material of the present invention can enhance maturation of an arteriovenous native fistula as well as prolong the fistula in a mature, functional state suitable for dialysis. Additionally, the present invention can promote formation of a functional arteriovenous graft suitable for dialysis as well as promote formation of a functional peripheral bypass graft. Implantable material can be configured as a flexible planar form or a flowable composition with shaperetaining properties suitable for implantation at, adjacent or in the vicinity of an anastomoses or arteriovenous graft. According to the methods disclosed herein, the implantable material is provided to an exterior surface of a blood vessel. Certain embodiments of the flexible planar form define a slot. The materials and methods of the present invention comprise cells, preferably endothelial cells or cells having an endothelial-like phenotype.



No. of Pages : 105 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1046/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BIODEGRADABLE IMPLANTABLE MEDICAL DEVICES FORMED FROM SUPER - PURE MAGNESIUM-BASED MATERIAL

(51) International classification	:A61L 31/02	(71) Name of Applicant : 1)ACROSTAK CORP BVI, TORTOLA Address of Applicant :C/O STEGACKERSTRASSE 14 CH-8409 WINTERTHUR SWITZERLAND
(31) Priority Document No	:61/256,496	
(32) Priority Date	:30/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/EP2010/066431 :29/10/2010	(72) Name of Inventor : 1)PAPIROV, IGOR ISAKOVICH 2)PIKALOV, ANATOLIY IVANOVICH 3)SIVTSOV, SERGEY VLADIMIROVICH 4)SHOKUROV, VLADIMIR SERGEEVICH 5)POPOWSKI, YOURI
(87) International Publication No	:WO 2011/051424	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to biodegradable implantable medical device, in particular an endoprosthesis body formed at least partly from a constructional material comprising deformable super- pure magnesium or alloy thereof further comprising one or more super-pure alloying elements. The constructional material has a high formability at room temperature, excellent corrosion stability in vivo, an optimum combination of mechanical properties (strength, plasticity) ideally suited for biodegradable endoprostheses, particularly stents, as such and for various other technical applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1047/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : THERMODYNAMIC MACHINE AND METHOD FOR THE OPERATION THEREOF

(51) International classification	:F01K 15/02
(31) Priority Document No	:10 2009 053 390.7
(32) Priority Date	:14/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006640
Filing Date	:30/10/2010
(87) International Publication No	:WO 2011/057724
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)SCHUSTER, ANDREAS

2)SICHERT, ANDREAS

3)AUMANN, RICHARD

(57) Abstract :

The invention relates to a thermodynamic machine (1), comprising a circulation system (2) in which a working fluid (10), in particular a low-boiling working fluid (10), circulates alternately in a gaseous and a liquid phase, a heat exchanger (3), an expansion machine (5), a condenser (6) and a fluid pump (8). The invention also relates to a method for operating said thermodynamic machine. According to the invention, in the flow line of the fluid pump (8) a partial pressure increasing the system pressure is applied to the liquid working fluid (10) by adding a non-condensing auxiliary gas (20). Compact ORG machines can be implemented, preventing cavitation in the liquid working fluid (10).

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1052/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS OF PHOTOPROTECTING A MATERIAL AGAINST SOLAR UV RADIATION USING PHOTONIC PARTICLES; COMPOSITIONS

(51) International classification	:A61K 8/04	(71) Name of Applicant :
(31) Priority Document No	:0957134	1)L'OREAL
(32) Priority Date	:12/10/2009	Address of Applicant :14 RUE ROYALE, F-75008 PARIS
(33) Name of priority country	:France	FRANCE
(86) International Application No	:PCT/IB2010/054609	(72) Name of Inventor :
Filing Date	:12/10/2010	1)SIMONNET, JEAN-THIERRY
(87) International Publication No	:WO 2011/045740	2)LUCET-LEVANNIER KARINE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method of photoprotecting a material against solar UV radiation, consisting in treating said material using a composition comprising a dispersion of photonic particles with a mean size in the range 1 µm to 500 µm, each comprising a diffracting arrangement of monodisperse nanoparticles or voids, the diffraction spectrum of said arrangement including a first order reflection peak in the wavelength range 250 nm to 400 nm, or consisting in integrating said dispersion of photonic particles into said material. In particular, the present invention provides methods of photoprotecting materials such as paints, inks, coatings, materials manufactured from polymers, or fibrous materials such as textiles, papers, or organic or mineral glasses.

No. of Pages : 57 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1053/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PHOTOPROTECTIVE COMPOSITIONS AND FILMS, AND A PREPARATION METHOD

(51) International classification	:A61K 8/90
(31) Priority Document No	:FR0957441
(32) Priority Date	:22/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/054778
Filing Date	:21/10/2010
(87) International Publication No	:WO 2011/048570
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)L'OREAL

Address of Applicant :14 RUE ROYALE, F-75008 PARIS
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(72)**Name of Inventor :**

1)LUCET-LEVANNIER, KARINE

2)SIMONNET, JEAN-THIERRY

3)LION, BERTRAND

(57) Abstract :

The present invention provides a photoprotective composition, in particular a cosmetic composition, including particles of photonic material in particular having a polymeric multilayer interference structure, at least two layers of said structure comprising an amphiphilic polymer. The invention provides a method of photoprotecting a material against solar UV radiation, the method consisting in treating said material with a photoprotective composition including particles of photonic material in particular having a polymeric multilayer interference structure, at least two layers of said structure comprising an amphiphilic polymer or integrating at least said composition into said material. Said material may in particular be selected from inks, paints, glasses, textiles, papers and polymers. The invention also provides a film that photoprotects against solar UV radiation, the film including a photonic material in particular having a multilayer interference structure screening solar UV radiation, wherein at least two layers comprise an amphiphilic polymer.

No. of Pages : 100 No. of Claims : 90

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1060/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HERMETIC CENTRIFUGAL SEPARATOR

(51) International classification	:B04B 11/08
(31) Priority Document No	:0950840-9
(32) Priority Date	:06/11/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/051194
Filing Date	:03/11/2010
(87) International Publication No	:WO 2011/056131
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALFA LAVAL CORPORATE AB

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SWEDEN

(72)Name of Inventor :

1)PITKÄMÄKI, JOUKO

2)SANDBLOM, ROBERT

(57) Abstract :

A hermetic centrifugal separator for centrifuging components, contained in a liquid mixture and having different density, comprises a rotating centrifuge rotor (11), which is arranged to rotate around a centre axis and comprises a casing which defines an inner separation space, a set of separation discs (15) which are provided in the inner separation space of the centrifuge rotor (11), at least two channels, which connect to the separation space and comprise at least one inlet channel (13) for supply of the liquid mixture of components to be separated to the separation space and at least one outlet channel (22) for discharge of a component separated during operation from the separation space, a torque transmitting part (12) around the centre axis and fixedly connected to the centrifuge rotor (11) adapted to be driven in such a way that the centrifuge rotor (11) is brought to rotate, outlet sealing means (23) arranged to seal between the outlet channel and the rotating centrifuge rotor (11) preventing entrainment of unwanted substances. To come to terms with the pressure drop in the separator, and especially in the area of the outlet sealing the invention is characterized in that between the separation space and said outlet sealing means (23) is a pumping means (19) arranged to provide pressure to feed the separated liquid through said outlet channel (22).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/05/2012

(21) Application No.1058/KOLNP/2012 A

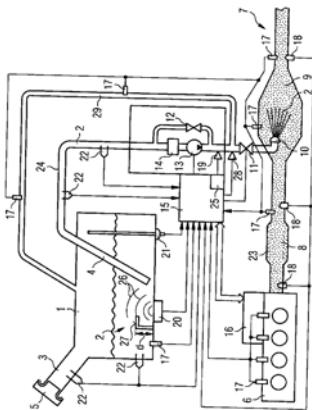
(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR DETERMINING THE STATE OF A REDUCING AGENT IN A REDUCING AGENT TANK

(51) International classification	:F01N 3/20	(71) Name of Applicant :
(31) Priority Document No	:10 2009 055 738.5	1)CONTINENTAL AUTOMOTIVE GMBH
(32) Priority Date	:26/11/2009	Address of Applicant :VAHRENWALDER STRASSE 9, 30165 HANOVER, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/065643	1)BERTOW, THOMAS
Filing Date	:18/10/2010	2)KETTERL, HERMANN
(87) International Publication No	:WO 2011/064050	
(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 determining the state of a reducing agent (2) in a reducing agent tank (1), wherein the reducing agent can be used for exhaust gas after-treatment of exhaust gas generated by an internal combustion engine. In order to inform the control unit (16) of an internal combustion engine (6) regarding the quality of the reducing agent (2) in the reducing agent tank (1) by simple means, the following method steps are carried out according to the invention: determining and recording the filling and extracting volumes of the reducing agent (2) from the reducing agent tank (1) by means of a fill level sensor (21) over the entire service life of the exhaust after-treatment unit, determining and recording the temperature of the reducing agent in the reducing agent tank by means of at least one temperature sensor (17) over the entire service life of the exhaust gas after-treatment unit, determining and recording the distribution velocity of ultrasonic waves in the reducing agent by means of an ultrasonic transmitter and ultrasonic receiver (20), determining the state of a reducing agent from the aforementioned parameters in a control unit (15).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/05/2012

(21) Application No.1059/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS FOR TREATING DISSEMINATED INTRAVASCULAR COAGULATION BY INHIBITING MASP-2 DEPENDENT COMPLEMENT ACTIVATION

(51) International classification	:A61K 39/395
(31) Priority Document No	:61/279,279
(32) Priority Date	:16/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052954
Filing Date	:15/10/2010
(87) International Publication No	:WO 2011/047346
(61) Patent of Addition 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)UNIVERSITY OF LEICESTER

(72)Name of Inventor :

1)SCHWAEUBLE, HANS-WILHELM

2)DUDLER, THOMAS, A.

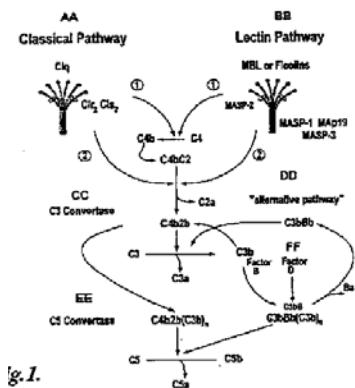
3)TEDFORD, CLARK, E.

4)PARENT, JAMES, B.

5)DEMOPULOS, GREGORY, A.

(57) Abstract :

In one aspect, the invention provides methods of inhibiting the effects of MASP-2-dependent complement activation in a living subject. In one embodiment, the invention provides methods of treating a subject suffering from a complement mediated coagulation disorder, such as disseminated intravascular coagulation. The methods comprise the step of administering, to a subject in need thereof, an amount of a MASP-2 inhibitory agent effective to inhibit MASP-2-dependent complement activation. In some embodiments, the MASP-2 inhibitory agent inhibits cellular injury associated with MASP-2-mediated alternative complement pathway activation, while leaving the classical (C1q-depeendent) pathway component of the immune system intact. In another aspect, the invention provides compositions for inhibiting the effects of lectin-dependent complement activation, comprising a therapeutically effective amount of a MASP-2 inhibitory agent and a pharmaceutically acceptable carrier.



No. of Pages : 261 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1065/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SHAFT ASSEMBLY OF AN EXHAUST-GAS TURBOCHARGER

(51) International classification	:F02B 39/00
(31) Priority Document No	:102009060056.6
(32) Priority Date	:22/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/US2010/060207
Filing Date	:14/12/2010
(87) International Publication No	:WO 2011/087662
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)BORGWARNER INC

Address of Applicant :PATENT DEPARTMENT 3850
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UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)SCHOLZ, GEORG

2)BECKER, MARTIN

(57) Abstract :

The invention relates to a shaft assembly (1A) of an exhaust-gas turbocharger (1) having a shaft (5), having a turbine wheel (2) which can be connected to one end of the shaft (5) to form a rotor, having a compressor wheel (12) which can be connected to the other end of the shaft (5), having a sealing sleeve (14) which can be located on the shaft (5) on that side of the compressor wheel (12) which faces toward the turbine wheel (2), having a shaft nut (15) which can be screwed by means of an internal thread (17) onto a free end region (16) of the shaft (5) to fix the compressor wheel (12), wherein the shaft nut (15), in a portion (19) adjacent to the compressor wheel (12), has a turned recess (18) which adjoins the internal thread (17) and which has an inner diameter (D2) greater than the internal thread diameter (D1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1066/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TURBOCHARGER

(51) International classification	:F02B 39/00
(31) Priority Document No	:102009058747.0
(32) Priority Date	:17/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/US2010/058834
Filing Date	:03/12/2010
(87) International Publication No	:WO 2011/084283
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BORGWARNER INC

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(72)Name of Inventor :

1)LISCHER, THOMAS

(57) Abstract :

The invention relates to an exhaust-gas turbocharger (1) having a turbine (2), and having a compressor (3) which has a compressor housing (10), said compressor housing (10) being fastened to a bearing housing (4) and having a compressor spiral (13) and a bearing-housing-side diffuser wall (14), wherein the compressor housing (10) is formed as a pressure-die-cast housing, and the diffuser wall (14) is formed as a separate component which can be connected to the compressor housing (10) and which has an internal rounding (16) in the transition region to the inner wall of the compressor housing spiral (13).

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/05/2012

(21) Application No.1056/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COATING COMPOSITION

(51) International classification	:C09D 5/08
(31) Priority Document No	:61/260,239
(32) Priority Date	:11/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056198
Filing Date	:10/11/2010
(87) International Publication No	:WO 2011/060050
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BYK-CHEMIE GMBH

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(72)Name of Inventor :

1)MCMULLIN, ROBERT

2)LEWCHIK, FRED

3)LESTER, TERRY

(57) Abstract :

A coating for a substrate is a cured coating composition which includes binder and particles, wherein the particles are inorganic, organic or organo-metallic; have diameters between about 1 and 500 nm; may be treated with a surface modifier; and wherein the cured coating composition is in direct or indirect contact with the substrate.

No. of Pages : 47 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/05/2012

(21) Application No.1057/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROCESS FOR PYROLYSIS OF CARBOHYDRATES

(51) International classification	:C01B 31/02
(31) Priority Document No	:09176045.4
(32) Priority Date	:16/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/066800
Filing Date	:04/11/2010
(87) International Publication No	:WO 2011/057938
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EVONIK DEGUSSA GMBH

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45128 ESSEN GERMANY

(72)Name of Inventor :

1)ALFONS KARL

2)JÜRGEN ERWIN LANG

3)HARTWIG RAULEDER

4)BODO FRINGS

(57) Abstract :

The present invention relates to processes for industrial pyrolysis of a carbohydrate or carbohydrate mixture with addition of amorphous carbon, to a pyrolysis product thus obtainable and to the use thereof, especially as a reducing agent in the production of silicon from silica and carbon at high temperature .

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1063/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : OPERATING MEDIUM FOR AN ABSORPTION REFRIGERATION DEVICE

(51) International classification	:C09K 5/04
(31) Priority Document No	:10 2009 047 564.8
(32) Priority Date	:07/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068090
Filing Date	:24/11/2010
(87) International Publication No	:WO 2011/069822
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EVONIK DEGUSSA GMBH

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(72)Name of Inventor :

1)MATTHIAS SEILER

2)ROLF SCHNEIDER

3)OLIVIER ZEHNACKER

4)MARC-CHRISTOPH SCHNEIDER

(57) Abstract :

The invention relates to an operating medium for an absorption refrigeration device, comprising 5 to 30 wt% water and 65 to 95 wt% of a sorption agent comprising lithium bromide and at least one ionic liquid and wherein the sorption agent comprises ionic liquid and lithium bromide in a weight ratio of 0.5:1 to 5:1, having a lower friction coefficient compared to an operating medium comprising water and lithium bromide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1064/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ELECTRICAL STEEL PROVIDED WITH INSULATING COATING WHICH HAS INORGANIC WITH SOME ORGANIC MATERIALS

(51) International classification	:C23C 22/00
(31) Priority Document No	:2009-254271
(32) Priority Date	:05/11/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/070166 :05/11/2010
(87) International Publication No	:WO 2011/055857
(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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4)NOBUKO NAKAGAWA

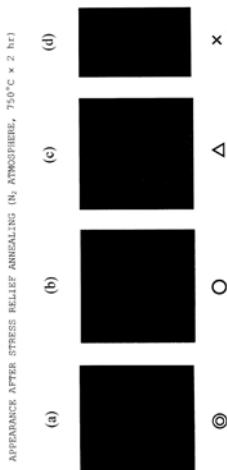
5)NOBUE FUJIBAYASHI

6)TOMOFUMI SHIGEKUNI

7)KENICHI SASAKI

(57) Abstract :

In an electrical steel sheet provided with an insulating coating which has inorganic with some organic materials, the insulating coating including inorganic components and an organic resin, the insulating coating contains, as the inorganic components, a Zr compound, a B compound, and a Si compound, specifically, when expressed as percentages in the dry coating, 20% to 70% by mass of the Zr compound (in terms of ZrO₂) , 0.1% to 5% by mass of the B compound (in terms of B₂O₃) , and 10% to 50% by mass of the Si compound (in terms of SiO₂) , and the balance containing the organic resin. Thereby, it is possible to provide an electrical steel sheet provided with an insulating coating which has inorganic with some organic materials, in which corrosion resistance and water resistance are not degraded even without containing a chromium compound, which has excellent powdering resistance, scratch resistance, sticking resistance, TIG weldability, and punchability, and moreover, which has an excellent appearance after stress relief annealing.



No. of Pages : 42 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1070/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EXTREMELY LOW RESISTANCE FILMS AND METHODS FOR MODIFYING OR CREATING SAME

(51) International classification	:H01L 29/66
(31) Priority Document No	:61/248,130
(32) Priority Date	:02/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/051239 :02/10/2010
(87) International Publication No	:WO 2011/041764
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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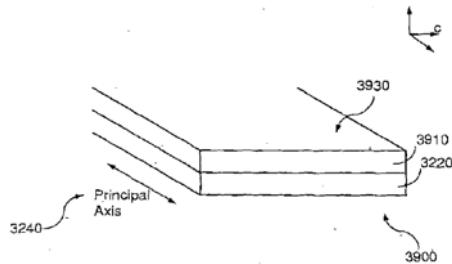
(72)Name of Inventor :

1)GILBERT, DOUGLAS, J.

2)CALE, TIMOTHY, S.

(57) Abstract :

Operational characteristics of an extremely low resistance (ELR) film comprised of an ELR material may be improved by depositing a modifying material onto appropriate surfaces of the ELR film to create a modified ELR film In some implementations of the invention, the ELR film may be in the form of a c-film Such operational characteristics may include operating in an ELR state at increased temperatures, carrying additional electrical charge, operating with improved magnetic properties, operating with improved mechanic properties or other improved operational characteristics In some implementations of the invention, the ELR material is a mixed-valence copper-oxide perovskite, such as, but not limited to YBCO In some implementations of the invention, the modifying material is a conductive material that bonds easily to oxygen, such as, but not limited to, chromium.



No. of Pages : 131 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1048/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : USE OF CARBON BLACK FOR OXIDATIVE AND HEAT STABILITY IN SOLAR MODULE APPLICATIONS

(51) International classification	:C09J 183/00	(71) Name of Applicant : 1)ADCO PRODUCTS, INC. Address of Applicant :4401 PAGE AVENUE, MICHIGAN CENTER, MI 49254 UNITED STATES OF AMERICA
(31) Priority Document No	:61/251,551	
(32) Priority Date	:14/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/052727 :14/10/2010	(72) Name of Inventor : 1)BECKER, HARALD 2)BRÜCHER, HEIKE 3)SCHOTT, NORBERT
(87) International Publication No	:WO 2011/056379	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An edge seal for manufacturing two-pane or multi-pane insulating glass or solar modules includes a sealant and a bonding agent. The sealant contains a polymer modified with special reactive groups and has the following overall composition: olefinic polymers included in an amount from about 10% to about 90% by weight of the total composition; at least one filler included in an amount from about 10% to about 65% by weight of the total composition; at least one inorganic filler that is a thermal and oxidative stabilizer in an amount from about 2% to about 30%; at least one of a desiccant and a water scavenger included in an amount from about 2.5% to about 25% by weight of the total composition; and at least one aging resistor including an anti-oxidant or UV stabilizer included in an amount from about 0% to about 3% by weight of the total composition.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2012

(21) Application No.1049/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : USE OF CALCIUM OXIDE AS A WATER SCAVENGER IN SOLAR MODULE APPLICATIONS

(51) International classification	:H01L 23/29
(31) Priority Document No	:61/251,527
(32) Priority Date	:14/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052726
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/068597
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADCO PRODUCTS, INC.

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(72)Name of Inventor :

1)BECKER, HARALD

2)BRÜCHER, HEIKE

3)SCHOTT, NORBERT

4)RASAL, RAHUL

(57) Abstract :

A solar module includes an edge sealant. The sealant composition includes an unsaturated reactive polyolefin, an olefinic polymer, a silane modified polyolefin, inert fillers, calcium oxide, and aging resistors. These components are balanced to produce a sealant having desirable sealing characteristics, high weatherability, desired rheology, low conductivity, and good water absorption.

No. of Pages : 31 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1061/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FILM- FORMING COMPOSITION INCLUDING AN AGENT CAPABLE OF TRAPPING FORMALDEHYDE

(51) International classification	:C09D 5/02	(71) Name of Applicant :
(31) Priority Document No	:0905272	1)SAINT-GOBAIN ADFORS
(32) Priority Date	:03/11/2009	Address of Applicant :517, AVENUE DE LA BOISSE F-73000 CHAMBERY, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/052352	1)BLANCHARD, BENJAMIN
Filing Date	:03/11/2010	2)CHUDA, KATARZYNA
(87) International Publication No	:WO 2011/055073	
(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 film-forming composition intended to be applied to an inner surface of a building which includes an agent capable of trapping formaldehyde chosen from compounds comprising active methylene(s), tannins and amides. Another subject matter of the present invention is the use of said film-forming composition in reducing the amount of formaldehyde in the air inside a building.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1062/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ENGINE, AND VEHICLE AND SHIP THAT COMPRIZE SAME

(51) International classification	:F01N 3/30
(31) Priority Document No	:2009-281823
(32) Priority Date	:11/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071488
Filing Date	:01/12/2010
(87) International Publication No	:WO 2011/070955
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)YAMAHA HATSUDOKI KABUSHIKI KAISHA

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(72)Name of Inventor :

1)TSUGUNORI KONAKAWA

(57) Abstract :

An engine includes an exhaust system having an exhaust passage for guiding exhaust gas discharged from a combustion chamber and an air supply system for supplying air. The exhaust passage is provided with a convergent portion, a divergent portion, and a branch portion. The branch portion divides a shock wave, which is propagating through the exhaust passage toward the downstream side, from the exhaust passage upstream of the divergent portion, and allows the shock wave to again propagate through the exhaust passage. The air supply system includes a first passage that is provided with a first reed valve through which an airflow running from an upstream end toward a downstream end passes and that has its downstream end connected to the exhaust passage located upstream of the divergent portion, and a second path that has its upstream end connected to the first passage located downstream of the first reed valve. The exhaust system is arranged to allow the exhaust gas to pass through the convergent portion and to collide, between the branch portion and the divergent portion, with a shock wave that has propagated through the branch portion.

No. of Pages : 100 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1077/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PLASTER -BASED MATERIAL INCLUDING AN AGENT CAPABLE OF TRAPPING FORMALDEHYDE

(51) International classification	:C04B 28/14	(71) Name of Applicant :
(31) Priority Document No	:09176123.9	1)BPB LIMITED
(32) Priority Date	:16/11/2009	Address of Applicant :SAINT-GOBAIN HOUSE BINLEY BUSINESS PARK COVENTRY CV3 2TT GREAT BRITAIN
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/067475	1)SAHAY-TURNER, PARKINA
Filing Date	:15/11/2010	
(87) International Publication No	:WO 2011/058172	
(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 plaster-based material which includes an agent capable of trapping formaldehyde, in particular a plasterboard intended for the interior fittings of residential buildings. The agent capable of trapping formaldehyde is chosen from ethylene urea and its derivatives, compounds comprising active methylene(s), sulphites, tannins and their mixtures. Another subject-matter of the invention is the use of the said material for reducing the amount of formaldehyde present in the atmosphere inside residential buildings.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1071/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITIONS FOR TREATMENT OF CYSTIC FIBROSIS AND OTHER CHRONIC DISEASES

(51) International classification	:A61K 31/404
(31) Priority Document No	:61/254,180
(32) Priority Date	:22/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053852
Filing Date	:22/10/2010
(87) International Publication No	:WO 2011/050325
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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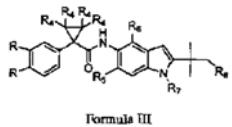
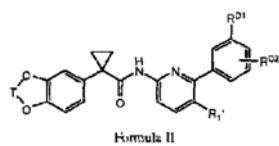
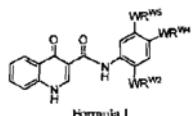
(72)Name of Inventor :

1)VAN GOOR, FREDRICK, F.

2)BURTON, WILLIAM, LAWRENCE

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising an inhibitor of epithelial sodium channel activity in combination with at least one compound of Formula I Formula II, or Formula III. The invention also relates to solid forms and to pharmaceutical formulations thereof, and to methods of using such compositions in the treatment of CFTR mediated diseases, particularly cystic fibrosis using the pharmaceutical combination compositions.



No. of Pages : 245 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1079/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONVERTER AND SUBMODULE OF A CONVERTER FOR CHARGING OR DISCHARGING AN ENERGY STORE

(51) International classification	:H02M 7/483
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/065491
Filing Date	:19/11/2009
(87) International Publication No	:WO 2011/060823
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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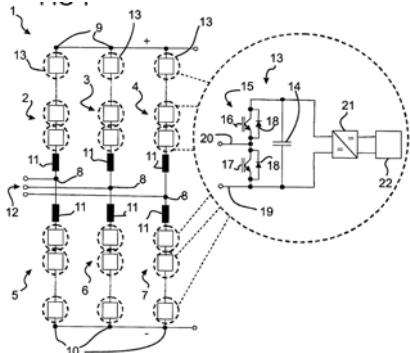
(72)Name of Inventor :

1)HOLGER LEU

2)ANDREJA RASIC

(57) Abstract :

The invention relates to a submodule (13) for charging or discharging an energy store (22), comprising a capacitor unit (14) and a power semiconductor circuit (15) having power semiconductors (16, 17) that can be switched on and off, wherein the capacitor unit (14) and power semiconductor circuit (15) are connected to each other such that, after actuating the power semiconductors (16, 17) of the power semiconductor circuit (15), at least the voltage released at the capacitor unit (14) or a zero voltage can be produced at output terminals (19, 20) of the submodule (13). In order to provide such a submodule which allows individual adaptation of the charging operation to the requirements of the particular energy store and which, furthermore, is cost-effective, according to the invention the energy store (22) can be connected to the submodule (13) via a DC-DC regulator (21). The DC- DC regulator (21) is connected to the capacitor unit (14) and is designed to convert a capacitor voltage (Uc) released at the capacitor unit (14) into a charge voltage (UL) that is required for charging the energy store (22), and to convert a discharge voltage (EL) released at the energy store (22) during discharge into the capacitor voltage (Uc) .



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2012

(21) Application No.1141/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MAGNETIC REAGENT, MAGNETIC REAGENT KIT, METHOD FOR TREATING MAGNETIC CARRIERS AND TREATMENT DEVICE THEREFOR

(51) International classification	:B03C 1/00
(31) Priority Document No	:2009-259613
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070241
Filing Date	:12/11/2010
(87) International Publication No	:WO 2011/059076
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSAL BIO RESEARCH CO., LTD.

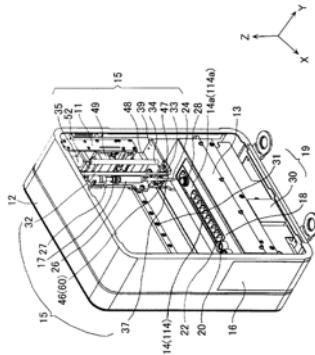
Address of Applicant :88, KAMIHONGOU, MATSUDO-SHI, CHIBA 271-0064 JAPAN

(72)Name of Inventor :

1)HIDEJI TAJIMA

(57) Abstract :

The present invention relates to a magnetic reagent, a magnetic reagent kit, a method for treating magnetic carriers, and a treatment device therefor, with an object of quickly and efficiently treating magnetic carriers of a micro particle diameter including nanosized magnetic carriers. The magnetic reagent or magnetic reagent kit includes: a plurality of magnetic carriers which can be magnetized by being exposed to a magnetic field, can be bonded to a predetermined chemical substance or living organism in a liquid, and that have a particle diameter that enables them to be suspended in the liquid; and a plurality of treatment promoting magnetic particles which can be magnetized by being exposed to a magnetic field and thus can have the magnetic carriers adsorbed on the surface thereof, are formed so that they can be moved within the liquid by movement of the liquid or by a magnetic field, and promote a treatment for capturing or re-suspension of the magnetic carriers.



10

No. of Pages : 91 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2012

(21) Application No.1142/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR FEEDING A FLUID INTO A SOLID-CONVEYING LINE

(51) International classification	:B65G 53/58
(31) Priority Document No	:10 2009 057 380.1
(32) Priority Date	:09/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006808
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/069588
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THYSSENKRUPP UHDE GMBH

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(72)Name of Inventor :

1)HAMEL, STEFAN

2)HACKER, STEFAN

(57) Abstract :

With a device for feeding a fluid, such as a gas or a liquid, into a solid-conveying line, wherein the fluid is first passed into a ring space that surrounds the solid-conveying line, and from there into the solid-conveying line, conveying of coal in the form of dust or flue ash, for example, is to be undertaken in gasification systems, at elevated temperatures, at great output and great operational reliability. This is achieved in that the solid-conveying line is shorter, in the ring space for forming a ring gap, than the length of the ring space, wherein installations for producing a vortex flow of the fluid that is introduced are provided in the ring space (12).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1078/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : LAMINATED CORE FOR MAGNETIC BEARING AND METHOD FOR CONSTRUCTING SUCH A LAMINATED CORE

(51) International classification

:H02K 1/14

(31) Priority Document No

:61/272,821

(32) Priority Date

:06/11/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/BE2010/000075

Filing Date

:02/11/2010

(87) International Publication No

:WO 2011/054065

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)VANDE SANDE, HANS
2)PHILIPPI, CORNELIS, THEODORUS
3)PAHNER, UWE
4)DEMEULENAERE, BRAM, EUGENE, G.

(57) Abstract :

The core of a combined radial-axial magnetic bearing is stacked with coated laminations each equipped with at least one radial cut (9). These cuts (9) prevent the induction of circulating currents caused by varying axial control fluxes through the central hole of the lamination stack. Magnetic symmetry is preserved by rotating every lamination with respect to the previous one.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2012

(21) Application No.1136/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMPROVEMENT OF RAPID CRACK PROPERTIES IN HIGH PERFORMANCE PIPE

(51) International classification	:C08L 23/04
(31) Priority Document No	:12/619,944
(32) Priority Date	:17/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/022820
Filing Date	:02/02/2010
(87) International Publication No	:WO 2011/062650
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)ASHBAUGH, JOHN

2)COLE, BRIAN

3)GUENTHER, GERHARD

(57) Abstract :

Pipe articles and methods of forming the same are described herein. The pipe articles generally include a bimodal polyethylene including a greater amount of high molecular weight fraction than low molecular weight fraction and wherein the pipe article exhibits a critical temperature of less than about 0°C at 5 bar.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2012

(21) Application No.1137/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BIOMARKERS AND IDENTIFICATION METHODS FOR THE EARLY DETECTION AND RECURRENCE PREDICTION OF BREAST CANCER USING NMR

(51) International classification	:C12Q 1/00	(71) Name of Applicant :
(31) Priority Document No	:61/250,917	1)PURDUE RESEARCH FOUNDATION
(32) Priority Date	:13/10/2009	Address of Applicant :1281 WIN HENTSCHEL BOULEVARD, WEST LAFAYETTE, IN 47906 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/002731	1)RAFTERY, DANIEL, M.
Filing Date	:13/10/2010	2)ASIAGO, VINCENT
(87) International Publication No	:WO 2011/046597	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is provided for the parallel identification of one or more metabolite species within a biological sample. The method comprises analyzing the sample to produce a spectrum containing individual spectral peaks representative of the one or more metabolite species contained within the sample; subjecting each of the individual spectral peaks to a statistical pattern recognition analysis to identify the one or more metabolite species contained within the sample; and identifying the one or more metabolite species contained within the sample by analyzing the individual spectral peaks of the spectra.

NMR Chemical Shift (ppm)	Name	Chemical structure
8.4239	Formate	
7.7133	Histidine	
7.1681	Tyrosine	
7.0133	Histidine	
6.8702	Tyrosine	
4.0254	Creatinine	

No. of Pages : 37 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2012

(21) Application No.1144/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CLUTCH ACTUATOR CONTROLLED BY A PRESSURE MEDIUM FOR A COMPRESSOR CLUTCH OF A COMMERCIAL VEHICLE

(51) International classification	:F16D 25/04
(31) Priority Document No	:10 2009 052 789.3
(32) Priority Date	:11/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067105
Filing Date	:09/11/2010
(87) International Publication No	:WO 2011/058005
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH

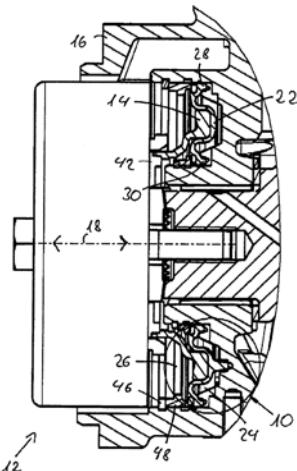
Address of Applicant :MOOSACHER STRASSE 80, 80809 MÜNCHEN, GERMANY

(72)Name of Inventor :

1)HEBRARD, GILES

(57) Abstract :

The invention relates to a clutch actuator (10) controlled by a pressure medium, in particular for a compressor clutch (12) of a commercial vehicle, having an actuating piston (14) displaceably disposed in a housing (16) in an axial direction (18). According to the invention, an end (20) of the actuating piston (14) is supported in the axial direction (18) on an elastic membrane (22), sealing a first region (24) of the housing (16) off from a second region (26) of the housing (16), wherein the elastic membrane (22) comprises a raised area (36) on the side opposite the actuating piston (14). The invention further relates to a compressor clutch (12) for a commercial vehicle, having a clutch actuator according to the invention.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1151/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR COUPLING A DRIVE SHAFT OF AN AUXILIARY UNIT OF A COMMERCIAL VEHICLE HAVING A GEAR DRIVE AND METHOD FOR PRODUCING SAID DEVICE

(51) International classification	:F16D 1/116
(31) Priority Document No	:10 2009 052 791.5
(32) Priority Date	:11/11/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/067094 :09/11/2010
(87) International Publication No	:WO 2011/058000
(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)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE
GMBH

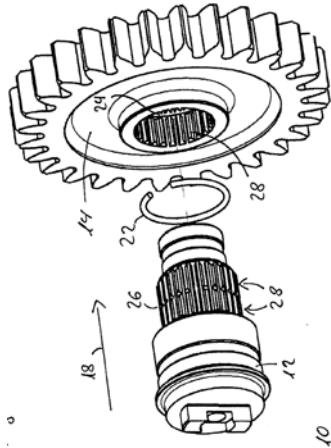
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(72)Name of Inventor :

1)HEBRARD, GILLES

(57) Abstract :

The invention relates to a device (10) for coupling a shaft (12) for driving an auxiliary unit of a commercial vehicle, having a gear drive (16) comprising an output gear (14), wherein the shaft (12) can be fixed in an axial direction (18) parallel to a rotary axis (20) of the shaft (12) by means of a retaining ring (22). According to the invention, grooves (24, 26) associated with the retaining ring (22) are disposed on the output gear (14) and on the shaft (12). The invention further relates to a method for producing a device (10) according to the invention.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1152/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ROLL-IN PUSH COT

(51) International classification	:A61G 1/056
(31) Priority Document No	:61/261,074
(32) Priority Date	:13/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/056549
Filing Date	:12/11/2010
(87) International Publication No	:WO 2011/060273
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MAGILL, BRIAN, M.

2)OZ, KEMAL, BURC

3)KARTH, ANDREW

(57) Abstract :

Embodiments of a roll-in push cot may comprise a support frame comprising a pair of lateral sides extending between a front end and a rear end, and a pair of slidable tracks disposed in the lateral sides; a pair of leading legs and a pair of trailing legs pivotally connected to the support frame; a front carriage member slidably disposed within the pair of slidable tracks at the front end of the support frame, and a mechanical loading system coupled to the support frame and connecting the pair of leading legs with the pair of trailing legs, wherein the mechanical loading system comprises a front actuator disposed on the support frame in the motion path defined by the front carriage member, such that movement of the front carriage member triggers the front actuator and thereby initiates the release of the trailing legs.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1067/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EXHAUST-GAS TURBOCHARGER

(51) International classification	:F02B 39/00
(31) Priority Document No	:09015573.0
(32) Priority Date	:16/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/058830
Filing Date	:03/12/2010
(87) International Publication No	:WO 2011/084282
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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UNITED STATES OF AMERICA

(72)Name of Inventor :

1)LISCHER, THOMAS

(57) Abstract :

The invention relates to an exhaust-gas turbocharger (1) having a compressor housing (3), having a bearing housing (28) which can be connected at one end to the compressor housing (3) by means of a first fastening device (19), and having a turbine housing (2) which can be connected to the bearing housing (28) at the other end of the latter by means of a second fastening device (20), with the compressor housing (3), the bearing housing (28) and the turbine housing (2) extending along an exhaust-gas turbocharger longitudinal axis (R), wherein the first fastening device (19) is designed as a plug-and-twist connecting device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1080/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING SILICON

(51) International classification	:C01B 31/02
(31) Priority Document No	:09176051.2
(32) Priority Date	:16/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/066833
Filing Date	:04/11/2010
(87) International Publication No	:WO 2011/057947
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KARL, ALFONS

2)LANG, JÙRGGEN, ERWIN

3)RAULEDER, HARTWIG

4)FRINGS, BODO

(57) Abstract :

The present invention relates to an improved process for producing silicon, preferably solar silicon, using novel high-purity graphite mouldings, especially graphite electrodes, and to an industrial process for production of the novel graphite mouldings.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2012

(21) Application No.1138/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING PAPER OR THE LIKE

(51) International classification

:D21H 17/41

(31) Priority Document No

:A 1800/2009

(32) Priority Date

:13/11/2009

(33) Name of priority country

:Austria

(86) International Application No

:PCT/AT2010/000417

Filing Date

:03/11/2010

(87) International Publication No

:WO 2011/057309

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ALEXANDER FRANK

(57) Abstract :

In a method for manufacturing paper or the like, in which cationic polymer microparticles comprised of polyacrylamide and a fine-particle inorganic component are added to the paper pulp following the final shearing step and prior to the headbox, whereupon the paper pulp is subjected to dehydration while forming sheets, followed by sheet drying, a polymer mixture comprising a linear cationic polymer and a linear anionic copolymer, whose overall ionicity is anionic, is additionally added immediately prior to the headbox.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2012

(21) Application No.1139/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HEAT GENERATING BODY BOX HOUSING REFRIGERATION DEVICE

(51) International classification	:H05K 7/20
(31) Priority Document No	:2009-267124
(32) Priority Date	:25/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006797
Filing Date	:19/11/2010
(87) International Publication No	:WO 2011/064972
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

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1)YUUJI NAKANO

2)HIROSHI SHIBATA

3)KEISUKE KOGA

4)MUTSUHIKO MATSUMOTO

5)KEISUKE TSUJI

(57) Abstract :

A heat generating body box housing refrigeration device includes a first refrigerant cycle in which a first condenser and a first evaporator are connected by a first refrigerant liquid pipe and a first refrigerant steam pipe and a second refrigerant cycle in which a second condenser and a second evaporator are connected by a second refrigerant liquid pipe and a second refrigerant steam pipe. The first refrigerant liquid pipe is connected between a first joint and a second joint, the first refrigerant steam pipe is connected between a third joint and a fourth joint, the second refrigerant liquid pipe is connected between a fifth joint and a sixth joint, and the second refrigerant steam pipe is connected between a seventh joint and an eighth joint.

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1154/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ROLLER CLEANING ASSEMBLY

(51) International classification	:A01G 1/12
(31) Priority Document No	:2009905029
(32) Priority Date	:15/10/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001237
Filing Date	:21/09/2010
(87) International Publication No	:WO 2011/044610
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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QUEENSLAND 4214 AUSTRALIA

(72)Name of Inventor :

1)DUFTY, RAYMOND, JEFFREY

(57) Abstract :

A roller cleaning assembly (10) for a grass processing apparatus, such as a grass or turf roller, has a roller housing (27) releasably mountable in a hollow cavity (28) in the body (20) of a smoothing head (11), where the smoothing head (11) contains idler or smoothing rollers (14, 15, 16). A pair of roller brushes (31, 32) is rotatably journaled in the roller housing (27), and are driven by the idler or smoothing rollers (14, 15, 16) via friction drive rollers (41). Each brush roller (31, 32) has at least one spiral brush (34, 34A) and/or spiral wiper blade (134, 134A) to clean the external surfaces of the adjacent idler or smoothing rollers (14, 15, 16) and deposits the clippings or other waste in collector sections (33, 33A, 33B) in the roller housing (27).

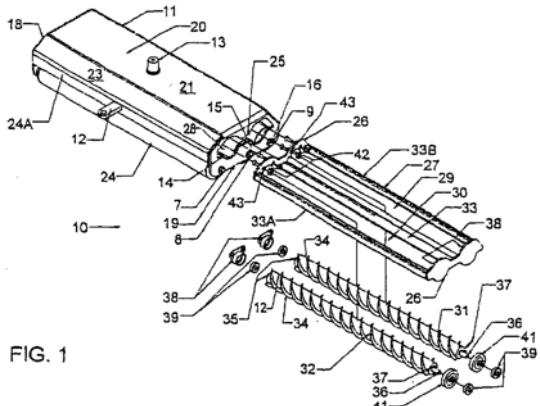


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 11/05/2012

(21) Application No.1143/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VALVE ARRANGEMENT

(51) International classification :H01H 33/34
(31) Priority Document No :10 2009 053 901.8
(32) Priority Date :20/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/066043
 Filing Date :25/10/2010
(87) International Publication No :WO 2011/061041
(61) Patent of Addition to Application :NA
 Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ABB TECHNOLOGY AG

Address of Applicant : AFFOLTERNSTR. 44, CH-8050
ZÜRICH, SWITZERLAND

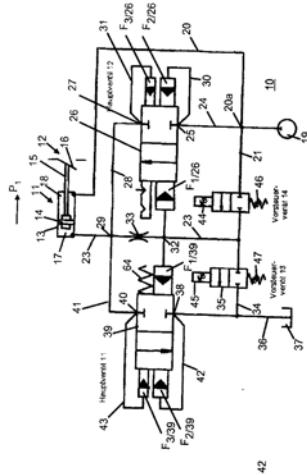
(72) Name of Inventor :

1) SCHMIDT, MATTHIAS

2) KÖRBER, FANZ-JOSEF

(57) Abstract :

The invention relates to a valve system for actuating the piston (14) of a piston cylinder arrangement (11) for a hydraulic or fluid device, in particular for actuating the piston cylinder arrangement for actuating the movable contact piece (16) of a high-voltage circuit breaker (12), comprising a main control valve arrangement, which comprises two 2/2-way valves (26, 26a; 39) used as main valves and which can be controlled by a pilot control valve arrangement (22, 35). Said main control valve arrangement directs a path for the high pressure fluid to the chamber (17) above the piston (14) and connects said chamber to a low-pressure tank (37) for discharging the chamber (17) above the piston (14). Two 2/2-way valves (22, 35) which form the pilot control valve arrangement are associated with the main control valve arrangement (26, 26a; 39) such that the 2/2-way valves direct or supply either a high-pressure control pressure or a low-pressure control pressure to the main control valve arrangement (26, 26a; 39).



No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1150/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DOOR FOR A HOUSEHOLD APPLIANCE HAVING A VIEWING WINDOW AND METHOD FOR PRODUCTION OF SAID DOOR

(51) International classification	:D06F 39/14	(71) Name of Applicant :
(31) Priority Document No	:10 2009 047 595.8	1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant :CARL-WERY-STR.34 81739 MÜNCHEN GERMANY
(32) Priority Date	:07/12/2009	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2010/067911	(72) Name of Inventor :
Filing Date	:22/11/2010	1)FÖRSTERLING, KLAUS
(87) International Publication No	:WO 2011/069814	2)GEYER, JOHANNES
(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 door 1 for a household appliance W, in particular a laundry treatment device W, comprising at least: an at least two-component first door part 2 comprising a transparent first viewing window region 6 and an opaque boundary region 7 laterally surrounding the first viewing window region 6 and an at least two-component second door part 3 comprising a transparent second viewing window region 8 and an opaque cover 9 partially covering the second viewing window region 8. The method according to the invention comprises at least the following steps of: producing an at least two-component first door part 2 from plastic having a transparent first viewing window region 6 and an opaque boundary region 7 laterally surrounding the first viewing window region 6 by means of a two-stage injection molding method; producing an at least two-component second door part 3 from plastic having a transparent second viewing window region 8 and an opaque cover 9 partially covering the second viewing window region 8 by means of a two-stage injection molding method; and permanent connecting of the first door part 2 and the second door part 3 so that a cutout section of the cover substantially exposes the first viewing window region 6.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2012

(21) Application No.1158/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMPRINTED CONTAINER CLOSURE AND METHOD FOR IMPRINTING SAME

(51) International classification	:B65D 41/34
(31) Priority Document No	:10 2010 001 120.7
(32) Priority Date	:22/01/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/050775
Filing Date	:20/01/2011
(87) International Publication No	:WO 2011/089191
(61) Patent of Addition 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 :KIRCHSTRABE 5, 55257
BUDENHEIM GERMANY

(72)Name of Inventor :

1)GÜNTER KRAUTKRÄMER

(57) Abstract :

The present invention concerns an imprinted container closure in the form of a cap (10) comprising a plurality of closure portions which include a top side (1), a peripherally extending side wall portion (2) and a tamperproof element (3) which is arranged on one of the other closure portions and which upon opening of the closure is destroyed or at least partially separated from a closure portion connected thereto. To provide an imprinted container closure having the features set out in the opening part of this specification and a special method of printing on such a container closure, which make forgeries considerably more difficult and can thus guarantee originality of the correspondingly packed products to a better degree, it is proposed according to the invention that the closure has a structured outer surface having projecting and/or recessed regions, to which surface there is applied a print image which is produced in contactfree fashion and which extends over at least an edge of a projecting or recessed region.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1068/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SUBSCRIPTION SERVICE IN IP MULTIMEDIA SUBSYSTEM NETWORK

(51) International classification	:H04L 12/56	(71) Name of Applicant :
(31) Priority Document No	:200910235910.7	1)ZTE CORPORATION
(32) Priority Date	:29/10/2009	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN, SHENZHEN, GUANGDONG 518057, CHINA
(33) Name of priority country	:China	
(86) International Application No	:PCT/CN2010/075036	(72) Name of Inventor :
Filing Date	:07/07/2010	1)REN, QIN
(87) International Publication No	:WO 2010/145623	2)WU, CHEN
(61) Patent of Addition to Application Number	:NA	3)WANG, CUIZHONG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for subscription service in an IP multimedia subsystem is disclosed. A Session Border Controller (SBC) establishes IP channels between the SBC and an IMS terminal as well as between the SBC and a Resource List Server (RLS) after receiving a status subscribe request message from the IMS terminal; and the RLS sends the status information and an acknowledgment message to the IMS terminal through the IP channels after finding subscribed status information for the IMS terminal. A system for a subscription service in an IP multimedia subsystem network is further disclosed. The IP channels established in the present disclosure to transmit the subscription information on the RLS not only can transmit a great amount of information, but also has higher efficiency of information transmission, as long as the IMS terminal has a capability of processing IP data packets.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/05/2012

(21) Application No.1069/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EXPRESSION SYSTEM

(51) International classification	:C07K 14/34
(31) Priority Document No	:0917647.0
(32) Priority Date	:08/10/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/065047
Filing Date	:07/10/2010
(87) International Publication No	:WO 2011/042516
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLAXOSMITHKLINE BIOLOGICALS S.A.

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RIXENSART BELGIUM

(72)Name of Inventor :

1)BLAIS, NORMAND

2)DEHOTTAY, PHILIPPE MARC HELENE

3)DEWERCHIN, MARIANNE

4)GOFFIN, PHILIPPE

5)MARTIN, DENIS

(57) Abstract :

Compositions and methods related to periplasmic expression of a toxin including diphtheria toxin or CRM197 are provided herein.

No. of Pages : 51 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1075/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POWER DISTRIBUTION SYSTEM AND PROTECTION METHOD FOR MAIN LINE THEREOF

(51) International classification	:H02J 3/00
(31) Priority Document No	:2009-255403
(32) Priority Date	:06/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/002754
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/055197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

(72)**Name of Inventor :**

1)YOSHIKAZU SHIKATA

2)HIROAKI KOSHIN

(57) Abstract :

A power distribution system distributes power to each section of a building via a main line which is wired to pass through each section of the building. The power distribution system is equipped with a plurality of sensors which are provided at each section of the building and which monitor the current value of the main line in the respective sections.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/05/2012

(21) Application No.1076/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ELECTRIC POWER INTERCHANGE SYSTEM

(51) International classification	:H02J 3/46
(31) Priority Document No	:2009-255405
(32) Priority Date	:06/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2010/002744
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/055194
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HIROAKI KOSHIN

2)AKIRA YOSHITAKE

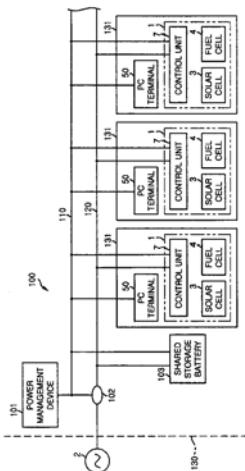
3)YUUSUKE IWAMATSU

4)KEI KAWAGUCHI

5)TAKUMA KAWASAKI

(57) Abstract :

In a power interchange system, an electric power generated by a power generation device is interchanged between power consuming dwellings in a multi-family house. Each power consuming dwelling generates the power by using the power generation device and receives a commercial AC power supply via a shared power supply wiring. The amount of electric power supplied to each power consuming dwelling is managed by a power management device. The power management device manages a surplus power amount of one power consuming dwelling and a required electric power amount of another power consuming dwelling and supplies the surplus power from the former power consuming dwelling to the latter power consuming dwelling via the power supply wiring.



No. of Pages : 69 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2012

(21) Application No.1165/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DIGITAL WATERMARKING

(51) International classification	:G06T 1/00
(31) Priority Document No	:61/255,869
(32) Priority Date	:29/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/000990
Filing Date	:04/08/2010
(87) International Publication No	:WO 2011/050390
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :4 GEORGETTI STREET SAN JUAN
00924 PUERTO RICO PUERTO RICO UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)MORENO DE AYALA, OSCAR

2)TIRKEL, ANATOL ZYGMUNT

(57) Abstract :

A device for applying or extracting a digital watermark of two or more dimensions and a method of applying or extracting the digital watermark. The digital watermark is generated by adding a suitable number of watermarking arrays. Each watermarking array is constructed by convolving a multi-periodic shift array having a correlation bounded by a constant (two or greater) with a balanced periodic substitution sequence.

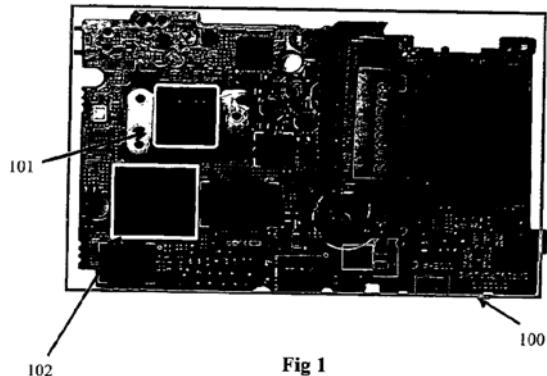


Fig 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2012

(21) Application No.1166/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : APPARATUS FOR PROVIDING AN UPMIX SIGNAL REPRESENTATION ON THE BASIS OF THE DOWNMIX SIGNAL REPRESENTATION, APPARATUS FOR PROVIDING A BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO SIGNAL, METHODS, COMPUTER PROGRAMS AND BITSTREAM REPRESENTING A MULTI-CHANNEL AUDIO SIGNAL USING A LINEAR COMBINATION PARAMETER

(51) International classification	:G10L 19/00
(31) Priority Document No	:61/263,047
(32) Priority Date	:20/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/067550
Filing Date	:16/11/2010
(87) International Publication No	:WO 2011/061174
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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MÜNCHEN GERMANY

2)DOLBY INTERNATIONAL AB

(72)Name of Inventor :

1)ENGDEGARD, JONAS

2)PURNHAGEN, HEIKO

3)HERRE, JÜRGEN

4)FALCH, CORNELIA

5)HELLMUTH, OLIVER

6)TERENTIV, LEON

(57) Abstract :

An apparatus for providing an upmix signal representation on the basis of a downmix signal representation and an object-related parametric information, which are included in a bitstream representation of an audio content, in dependence on a user-specified rendering matrix, the apparatus comprises a distortion limiter configured to obtain a modified rendering matrix using a linear combination of a user-specified rendering matrix in a target rendering matrix in dependence on a linear combination parameter. The apparatus also comprises a signal processor configured to obtain the upmix signal representation on the basis of the downmix signal representation and the object-related parametric information using the modified rendering matrix. The apparatus is also configured to evaluate a bitstream element representing the linear combination parameter in order to obtain the linear combination parameter.

No. of Pages : 79 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2012

(21) Application No.1159/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : STEAM TURBINE IN THREE-SHELLED DESIGN

(51) International classification	:F01D 25/26
(31) Priority Document No	:EP09015540.9
(32) Priority Date	:15/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/069576
Filing Date	:14/12/2010
(87) International Publication No	:WO 2011/082984
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :WITTELSBACHERPLATZ 2 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

1)CUKJATI, CHRISTIAN

2)DALLINGER, HEINZ

3)MÜLLER, THOMAS

4)QUINKERTZ, RAINER

5)THAMM, NORBERT

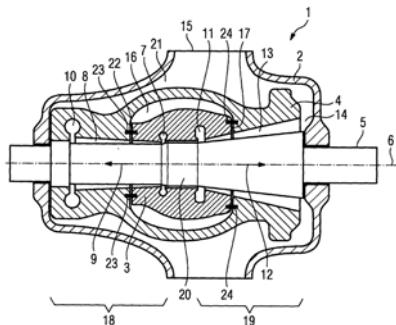
6)ULMA, ANDREAS

7)WECHSUNG, MICHAEL

8)ZANDER, UWE

(57) Abstract :

STEAM TURBINE IN THREE-SHELLED DESIGN The invention relates to a turbomachine comprising a rotor (5) and an inner interior housing (3), an outer interior housing (4) and an exterior housing (2), wherein the turbomachine has a first flow (18) and a second flow (19) arranged opposite the first flow (18) for a high-pressure blading or medium-pressure blading, wherein the inner interior housing (3) is made of a higher quality material than the outer interior housing (4) and solely accommodates the high-pressure (7) and medium-pressure inflow regions (11) including the balance piston (20).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2012

(21) Application No.1167/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTI-STRAND TENSIONING ARRANGEMENT WITH MOVING ARMS

(51) International classification	:F16H 7/08
(31) Priority Document No	:61/257,779
(32) Priority Date	:03/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054635
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/056719
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BORGWARNER INC

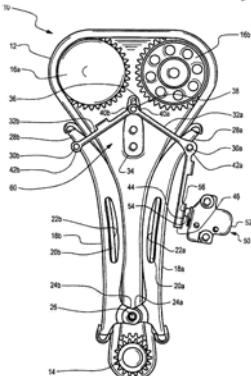
Address of Applicant :PATENT DEPARTMENT 3850
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UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MARKLEY, GEORGE L.

(57) Abstract :

An apparatus (10) for imparting tension to multiple strands of an endless power transferring member loop (12) encircling a drive sprocket (14) and at least one driven sprocket (16a, 16b). Two tensioning arms (18a, 18b) are spaced apart and have guided movement relative to at least one fixed pin (26), and support inwardly facing shoes (20a, 20b) with power-transferring-member-sliding faces (22a, 22b). A link assembly (60) includes at least two link members (32a, 32b) pivotally connected to one another at respective first ends (40a, 40b). The connected first ends (40a, 40b) are constrained for limited movement along a fixed slot (36) extending generally along a centerline of the power transferring member loop (12) between the drive sprocket (14) and the driven sprockets (16a, 16b). The link members (32a, 32b) are pivotally connected individually to opposite ends of the two spaced apart tensioning arms (18a, 18b) at second locations (42a, 42b).



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2012

(21) Application No.1168/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INDICATING SYSTEM FOR INDICATING A MOVEMENT OF AN ARTICLE FROM ONE POSITION OR ORIENTATION TO ANOTHER POSITION OR ORIENTATION

(51) International classification	:A63B 71/02
(31) Priority Document No	:2009905050
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001381
Filing Date	:18/10/2010
(87) International Publication No	:WO 2011/044642
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ECKERMANN, BRONTE

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(72)Name of Inventor :

1)ECKERMANN, BRONTE

(57) Abstract :

An assembly for indicating movement of an article used in a sporting activity from a first position or orientation to a second position or orientation, the second position or orientation indicating an event during game or sports play which relates to or influences a game or sport outcome, the system comprising: a eleectrical circuit associated with the article and including means enabling detection of a displacement of the article responsive to a trigger event; the circuit including a power source, sensing means responsive to the trigger event ami Which activates an indicator allowing an observer to detect movement of the article the instant it moves to the second position.

No. of Pages : 34 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2012

(21) Application No.1169/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITION FOR CARTILAGINOUS TISSUE REPAIR AND A PRODUCTION METHOD THEREOF

(51) International classification	:A61L 27/36	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0101388	1)SEWON CELLONTECH CO., LTD.
(32) Priority Date	:23/10/2009	Address of Applicant :10TH FLOOR, SHINHAN
(33) Name of priority country	:Republic of Korea	INVESTMENT TOWER, 23-2, YEOUIDO-DONG,
(86) International Application No	:PCT/KR2009/007188	YEONGDEUNGPO-GU, SEOUL 150-712 REPUBLIC OF
Filing Date	:03/12/2009	Republic of Korea
(87) International Publication No	:WO 2011/049265	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JANG, CHEONG-HO
Filing Date	:NA	2)YU, JI-CHUL
(62) Divisional to Application Number	:NA	3)LEE, SAE-BOM
Filing Date	:NA	4)PARK, HYUN-SHIN
		5)KIM, HYUN-JO
		6)JANG, JAE-DEOG
		7)YEO, SE-KEN
		8)PARK, JU-HEE
		9)KIM, SEOK-JUNG

(57) Abstract :

The present invention relates to a composition for cartilaginous tissue repair and to a production method therefor. To this end, the present invention comprises the steps of: (a) dissolving freeze-dried fibrinogen in an aprotinin solution; (b) dissolving freeze-dried thrombin in a stabilizing solution; (c) mixing an enriched collagen solution with thrombin and the stabilizing solution; and installing the fibrinogen solution (a) to one side of a dual kit and the solution (c) containing the collagen to the other side, and then mixing and injecting into damaged cartilaginous tissue. In the present invention, which is constituted as described above, biomaterials such as collagen and fibrin are mixed so as to allow damaged cartilaginous tissue to be repaired to a state allowing transplantation onto the tissue, and efficient regeneration is induced, thereby making it possible to reduce surgery-related stress on people and animals while inducing relatively rapid and efficient cartilage repair and regeneration, and, as a result, making it possible to substantially improve product quality and reliability and so impart a good impression to the patient who is the user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1153/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HOUSEHOLD APPLIANCE, IN PARTICULAR A WASHING MACHINE OR DRYER

(51) International classification	:D06F 37/22
(31) Priority Document No	:P200931138
(32) Priority Date	:10/12/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/EP2010/069228
Filing Date	:09/12/2010
(87) International Publication No	:WO 2011/070092
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH
Address of Applicant :CARL-WERY-STR.34, 81739,
MÜNCHEN, GERMANY

(72)Name of Inventor :

1)GRACIA BOBED, ISMAEL

(57) Abstract :

The invention relates to a household appliance, in particular a washing machine (1) or dryer, comprising a housing (3) in which a washing drum (11) is rotatably mounted in a suds container (13), which is connected to the housing (3) by means of at least one support element of a vibration damping device (17, 31, 33). According to the invention, the support element (31) is hinged to the housing (3) by means of an interposed pivot lever (33).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2012

(21) Application No.1160/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ENABLING RESOURCE BLOCK BUNDLING IN LTE-A SYSTEMS

(51) International classification	:H04J 11/00
(31) Priority Document No	:61/294,010
(32) Priority Date	:11/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2011/000062
Filing Date	:06/01/2011
(87) International Publication No	:WO 2011/083972
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO., LTD

Address of Applicant :129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF
Republic of Korea

(72)**Name of Inventor :**

1)LIU, LINGJIA

2)ZHANG, JIANZHONG

3)NAM, YOUNG HAN

(57) Abstract :

A base station is provided. The base station includes a transmit path circuitry to transmit an indication of whether a subscriber station is configured with precoding matrix indicator/rank indicator (PMI/RI) reporting. The transmit path circuitry sets a pre-coding granularity to multiple physical resource blocks in the frequency domain to perform a same pre-coding over a bundled resource block if the subscriber station is configured with PMI/RI reporting. The bundled resource block includes multiple consecutive physical resource blocks in the frequency domain. The base station also includes a receive path circuitry to receive feedback from the subscriber station.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2012

(21) Application No.1161/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : OPHTHALMIC PREPARATIONS BASED ON BDNF (BRAIN-DERIVED NEUROTROPHIC FACTOR) AND THEIR USE

(51) International classification	:A61K 9/00	(71) Name of Applicant :
(31) Priority Document No	:MI2009A002012	1)HMFRA HUNGARY LIMITED LIABILITY COMPANY Address of Applicant :VILLANYI UT 47, H-1118
(32) Priority Date	:16/11/2009	BUDAPEST HUNGARY
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/003220	1)DOMENICI, LUCIANO 2)GIOVANNINI, LUCA 3)SANSO', MARCO
Filing Date	:12/11/2010	
(87) International Publication No	:WO 2011/058449	
(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 ophthalmic preparations in the form of eyedrops based on BDNF (Brain-Derived Neurotrophic Factor). Said preparations can be administered topically to the intact eye surface, and are useful in the prevention and treatment of neurodegenerative disorders of the retina, optic nerve, lateral geniculate body and visual cortex, in order to prevent reduction of visual capacity and restore the normal visual function.

No. of Pages : 49 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2012

(21) Application No.1170/KOLNP/2012 A

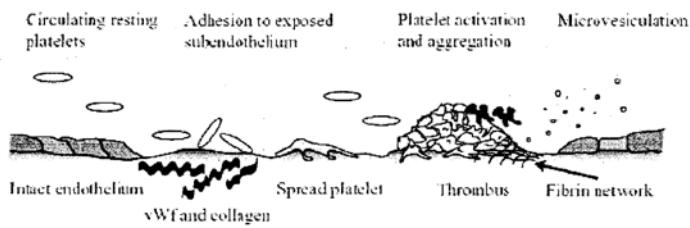
(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPOSITION FOR INDUCING TISSUE REGENERATION BY ACTIVATING PLATELET-RICH PLASMA (PRP), AND METHOD FOR MANUFACTURING SAME

(51) International classification	:A61L 27/38	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0101387	1)SEWON CELLONTECH CO., LTD.
(32) Priority Date	:23/10/2009	Address of Applicant :10TH FLOOR, SHINHAN INVESTMENT TOWER, 23-2, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-712 REPUBLIC OF
(33) Name of priority country	:Republic of Korea	Republic of Korea
(86) International Application No Filing Date	:PCT/KR2009/006745 :17/11/2009	(72)Name of Inventor :
(87) International Publication No	:WO 2011/049263	1)PARK, HYUN-SHIN 2)YU, JI-CHUL 3)PARK, JU-HEE 4)KIM, JANG-HOON 5)KIM, HUN 6)LEE, SAE-BOM 7)JANG, JAE-DEOG 8)JANG, CHEONG-HO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a composition for inducing tissue regeneration by activating platelet rich plasma (PRP) with a calcium chloride solution and type collagen, and a method of manufacturing the same. The disclosed method includes the steps of: separating PRP from whole blood; mixing the PRP with a calcium chloride solution; and mixing the mixture of the PRP and the calcium chloride solution with type collagen. The disclosed composition may have a gel-type of formation containing PRP, and may be transplanted to any lesion in need of tissue regeneration in cases such as bone defect treatment and wound healing, and accordingly, PRP may be activated to induce a growth factor which is useful for tissue regeneration from PRP gel to conveniently and quickly achieve effective tissue regeneration. Accordingly, the disclosed method is very useful in enhancing the credibility of applying PRP to lesions and presenting a good image to consumers.



No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2012

(21) Application No.1178/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INDOOR UNIT OF AIR CONDITIONING APPARATUS

(51) International classification	:F24F 13/20
(31) Priority Document No	:2009-254309
(32) Priority Date	:05/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069168
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/055677
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES, LTD.

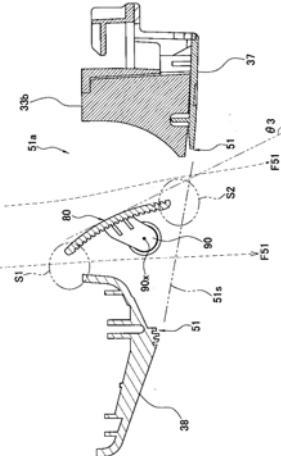
Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN

(72)Name of Inventor :

1)YOSHITERU NOUCHI

(57) Abstract :

To provide an indoor unit of an air conditioning apparatus that can reduce the volume of air blown out from any air outlet of plural air outlets while suppressing dew condensation without using a new part. An indoor unit (4) of an air conditioning apparatus (1) that is fixed with respect to a ceiling is equipped with an indoor unit casing (31) that has an air inlet (35) and plural long-side air outlets (51 to 54). Plural flap bodies (80) are disposed in the plural long-side air outlets (51 to 54). The flap bodies (80) can, by rotating, adjust the airflow direction of conditioned air blown out from the long-side air outlets (51 to 54). A control unit (7) can independently adjust the rotational states of the plural flap bodies (80). The control unit (7) causes the entire body of at least anyone of the plural flap bodies (80) to be positioned inside the corresponding long-side air outlet (51 to 54) to thereby reduce the volume of the conditioned air passing through the long-side air outlet (51 to 54).



No. of Pages : 48 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2012

(21) Application No.1179/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INDOOR UNIT OF AIR CONDITIONING APPARATUS

(51) International classification	:F24F 13/20
(31) Priority Document No	:2009-254308
(32) Priority Date	:05/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069164
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/055676
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIKIN INDUSTRIES, LTD.

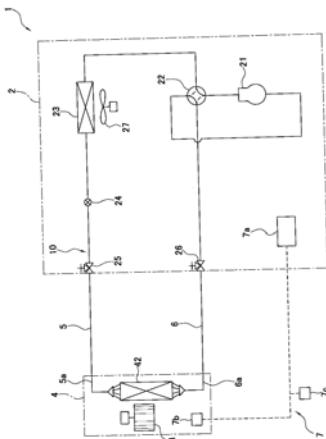
Address of Applicant :UMEDA CENTER BUILDING, 4-12,
NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
OSAKA 530-8323, JAPAN

(72)Name of Inventor :

1)YOSHITERU NOUCHI

(57) Abstract :

To provide an indoor unit of an air conditioning apparatus that can increase the blow distance of conditioned air blown out from an air outlet while suppressing short-circuiting and an increase in the size of the lower surface of the indoor unit. An indoor unit (4) of an air conditioning apparatus (1) is equipped with an indoor unit casing (31) and airflow direction adjusting portions (70). The indoor unit casing (31) has an air inlet (35) and long-side air outlets (51 to 54) whose edges on the air inlet (35) side bulge toward the air inlet (35) side. The airflow direction adjusting portions (70) cover at least parts of the long-side air outlets (51 to 54) and have shapes whose edges on the air inlet (35) side bulge toward the air inlet (35) side.



No. of Pages : 51 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1188/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BLOWN FILM GRADE SHOWING SUPERIOR STIFFNESS, TRANSPARENCY AND PROCESSING BEHAVIOUR

(51) International classification	:C08J 5/18	(71) Name of Applicant :
(31) Priority Document No	:09180609.1	1)BOREALIS AG
(32) Priority Date	:23/12/2009	Address of Applicant :IZD TOWER WAGRAMERSTRÄBE 17-19 A-1220 VIENNA, AUSTRIA
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/069788	1)BERNREITNER, KLAUS
Filing Date	:15/12/2010	2)NIEDERSÜSS, KLAUS
(87) International Publication No	:WO 2011/076636	3)GAHLEITNER, MARKUS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Extrusion blown film comprising a polypropylene composition, said polypropylene composition comprises a random propylene copolymer, a high melt strength polypropylene, a polypropylene and optionally a clarifier, wherein the random propylene copolymer comprises units derived from propylene and at least another C2 to C20 α -olefin, the high melt strength polypropylene has a branching index g of less than 1.0, the polypropylene (B) has a MFR2 (230 °C) of at least 400 g/10min, the clarifier comprises at least one α -nucleating agent, and wherein further the branching index g of the random propylene copolymer and the branching index g of the polypropylene are higher than the branching index g of the high melt strength polypropylene, the random propylene copolymer has lower melt flow rate MFR2 (230 °C) than the polypropylene, the extrusion melt blown film and/or the polypropylene composition (i) fulfill(s) the equation (I) $T_m - T_c \leq 30$ (I) wherein T_m is the melting temperature [°C] making up more than 50% of the total melting enthalpy H_m of the extrusion melt blown film or of the polypropylene composition; T_c is the crystallization temperature [°C] of the extrusion melt blown film or of the polypropylene composition; and/or (ii) has (have) a melt flow rate MFR2 (230 °C) of 1.0 to 5.5 g/10min.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1189/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BLOWN GRADE SHOWING SUPERIOR STIFFNESS, TRANSPARENCY AND PROCESSING BEHAVIOUR

(51) International classification	:C08J 5/18	(71) Name of Applicant :
(31) Priority Document No	:09180613.3	1)BOREALIS AG
(32) Priority Date	:23/12/2009	Address of Applicant :IZD TOWER WAGRAMERSTRÄBE 17-19 A-1220 VIENNA, AUSTRIA
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/069807	1)BERNREITNER, KLAUS
Filing Date	:15/12/2010	2)NIEDERSÜSS, KLAUS
(87) International Publication No	:WO 2011/076637	3)GAHLEITNER, MARKUS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Extrusion blown film comprising a polypropylene composition. said polypropylene composition comprises a random propylene copolymer, a high melt strength polypropylene, and optionally a clarifier, wherein the random propylene copolymer comprises units derived from propylene and at least another C2 to C20 α -olefin. the high melt strength polypropylene has a branching index g of less than 1.0. the clarifier comprises at least one α -nucleating agent, and wherein further the branching index g of the random propylene copolymer is higher than the branching index g of the high melt strength polypropylene, the extrusion melt blown film and/or the polypropylene composition, (i) fulfill(s) the equation (I) $T_m - T_c \leq 30$ (I) wherein T_m is the melting temperature [°C] making up more than 50% of the total melting enthalpy H_m of the extrusion melt blown film or of the polypropylene composition measured by DSC according to ISO 11357 -3; T_c is the crystallization temperature [°C] of the extrusion melt blown film or of the polypropylene composition measured by DSC according to ISO 11357-3; and/or (ii) has (have) a melt flow rate MFR2 (230 °C) measured according to ISO 1133 of 1.0 to 5.5 g/10min.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2012

(21) Application No.1181/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A PANEL FOR A CONTAINER, A CONTAINER PROVIDED WITH SUCH CONTAINER AND A METHOD FOR MAKING SAME

(51) International classification	:B65D 17/40
(31) Priority Document No	:09075503.4
(32) Priority Date	:12/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067381
Filing Date	:12/11/2010
(87) International Publication No	:WO 2011/058138
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)IMPRESS GROUP B.V.

Address of Applicant :ZUTPHENSEWEG 51051 NL-7418
AH DEVENTER THE NETHERLANDS

(72)**Name of Inventor :**

1)LEBOUCHER, FABRICE

(57) Abstract :

The invention relates to a panel (1) for a container, which panel has an outer edge to be connected to the container (1) and a tab (3) connected to the panel (1), wherein the tab (3) has a rear tab part (8) for gripping by a user and a front tab (7) part for engagement with the panel (1) and forming an opening in the panel (1), and wherein the panel is provided with deformation means (15) which structurally deform upon a transition of the panel (1) into a convex shape and which locked in the deformed state urge the panel (1) to a substantially flat or concave shape, to a container provided with such panel (1) and to a method for making the panel (1) and container.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2012

(21) Application No.1182/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR GENERATING HYDROCARBONS, IN PARTICULAR GASOLINE, FROM SYNTHESIS GAS

(51) International classification	:C07C 1/20	(71) Name of Applicant :
(31) Priority Document No	:10 2009 046 790.4	1)CHEMIEANLAGENBAU CHEMNITZ GMBH Address of Applicant :AUGUSTUSBURGER STRA E 34
(32) Priority Date	:17/11/2009	09111 CHEMNITZ GERMANY
(33) Name of priority country	:Germany	2)SAPR - NEFTEKHIM LLC.
(86) International Application No	:PCT/EP2010/067606	3)TOO TECHNO TRADING LTD.
Filing Date	:16/11/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2011/061198	1)ENGELMANN, JOACHIM
(61) Patent of Addition to Application Number	:NA	2)FALKEVICH, GENRIKH
Filing Date	:NA	3)TEMIRBULATOVICH SARSENOV, RASHIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for generating gasoline hydrocarbons by means of converting synthesis gas into a compound comprising oxygen, such as methanol and/or dimethyl ether, in a first converter and further converting said gas into hydrocarbons in a second converter. The method is especially characterized by the fact that synthesis gas that is not converted in the first converter is recycled, and light hydrocarbons and non-reacted components of the synthesis gas are recycled from the product flow of the second converter into the first or second converter. The return flow of said components allows partial pressures to be adjusted, in particular that of methanol in the second converter, wherein product quality is improved. In order to further improve product quality, the process is preferably run under isothermal conditions and conditions of incomplete conversion.

No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2012

(21) Application No.1183/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : USE OF EXTRACTS FROM SALONUM GLAUCOPHYLLUM FOR TREATING BONE METABOLISM DISORDERS AND KIDNEY DISORDERS

(51) International classification	:A61K 36/81	(71) Name of Applicant :
(31) Priority Document No	:PCT/EP2009/007518	1)HERBONIS AG
(32) Priority Date	:20/10/2009	Address of Applicant :GRELLINGERSTR. 33, CH-4001 BASLE SWITZERLAND
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/065784	1)BACHMANN, HEINRICH
Filing Date	:20/10/2010	2)AUTZEN, SABRINA
(87) International Publication No	:WO 2011/048136	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is provided for preventing or treating bone or musculoskeletal metabolism disorders or kidney malfunction in humans. It comprises providing to a subject in need of that a calcium containing or calcium enriched diet combined with the administration of an efficient amount of a plant extract of Solatium glaucophytum comprising from about 0.8 to about 2.2 weight % of a mixture of 1,25-dihydroxyvitamin D3 glycosides and quercetin glycosides present in a ratio of about 1 : 100 to 1 : 200 parts by weight. There are also provided food or dietary composition and food supplement designed for preventing or treating bone or musculoskeletal metabolism disorders or kidney malfunction in humans which comprises an efficient amount of the said plant extract of Solanum glaucophyllum and a source of calcium.

No. of Pages : 24 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1191/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FILTER DEVICE

(51) International classification	:B01D 29/96
(31) Priority Document No	:10 2009 049 868.0
(32) Priority Date	:20/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/062684
Filing Date	:31/08/2010
(87) International Publication No	:WO 2011/047913
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MAHLE INTERNATIONAL GMBH

Address of Applicant :PRAGSTRASSE 26-46, 70376
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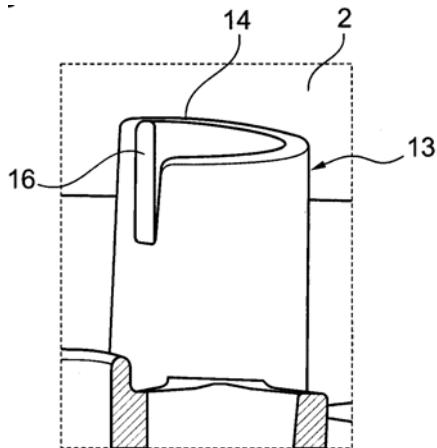
(72)Name of Inventor :

1)DESCHAMPS, GREGORY

2)LAMOTTE, JOHANN

(57) Abstract :

The invention relates to a filter device (1), in particular an oil or fuel filter, comprising a filter housing (4) having a filter housing crucible (2) and a filter housing cover (3), a ring filter element (5) being arranged in the filter housing, the filter element having an axially projecting pin (10) on a lower end disc (9), by means of which pin the element engages with a channel (11) on the filter housing crucible side when the filter device (1) is assembled. According to the invention, it is essential that a tube-shaped dome (13) is provided on the filter housing crucible (2), the dome engaging with an inner chamber (6) of the ring filter element (5) when the filter device (1) is assembled, and that a guide contour (14) is provided at a free end of the tube-shaped dome (13), the contour cooperating with a guide element (15) arranged on the ring filter element (5). Thus, assembly can be facilitated.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.1155/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CUSHION HAVING DAMPING PROPERTIES

(51) International classification	:A41D 1/08
(31) Priority Document No	:20 2009 014 105.5
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006336
Filing Date	:18/10/2010
(87) International Publication No	:WO 2011/045082
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)X-TECHNOLOGY SWISS GMBH

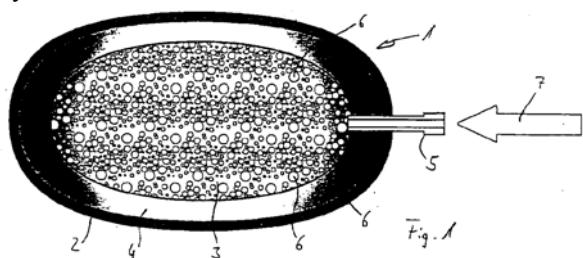
Address of Applicant :SAMSTAGERNSTRASSE 45 CH-8832 WOLLERAU SWITZERLAND

(72)Name of Inventor :

1)LAMBERTZ, BODO, W.

(57) Abstract :

The invention relates to a cushion having damping properties for bicycle pants. The cushion comprises an outer shell (2) and a core (3) and at least one layer (4) arranged between the outer shell (2) and the core (3). The core (3) and the layers (4) are formed by at least one filler material having different degrees of firmness. The damping properties of the core (3) and/or of the layers (4) can be changed by means of inflation.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2012

(21) Application No.1162/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMBINATION

(51) International classification	:A01N 43/90
(31) Priority Document No	:61/252,213
(32) Priority Date	:16/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052808
Filing Date	:15/10/2010
(87) International Publication No	:WO 2011/047238
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DUMBLE, MELISSA

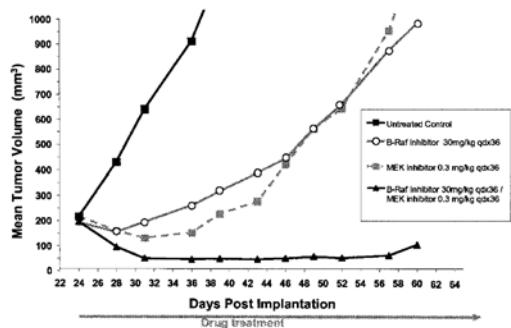
2)KUMAR, RAKESH

3)LAQUERRE, SYLVIE

4)LEBOWITZ, PETER

(57) Abstract :

A novel combination comprising the MEK inhibitor N-{3-[3-cyclopropyl-5-(2-fluoro-4-iodo-phenylamino)6,8-dimethyl;-2,4,7-trioxa-3,4,6,7-tetrahydro-2H-pyrido[4,3-d]pyrimidin-1-yl}acetamide, or a pharmaceutically acceptable salt or solvate thereof; with a B-Raf inhibitor, particularly N-{3-[5-(2-Amino-4-pyrimidinyl)-2-(1,1-dimethylethyl)-1,3-thiazol-4-yl]-2-fluorophenyl}-2,6-difluorobenzenesulfonamide or a pharmaceutically acceptable salt thereof, pharmaceutical compositions comprising the same and methods of using such combinations and compositions in the treatment of conditions in which the inhibition of MEK and/or B-Raf is beneficial, eg cancer.



No. of Pages : 68 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2012

(21) Application No.1180/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING COMPOSITE MATERIALS BASED ON POLYMERS AND CARBON NANOTUBES (CNTS), AND COMPOSITE MATERIALS PRODUCED IN THIS MANNER AND THE USE THEREOF

(51) International classification	:C08J 3/205	(71)Name of Applicant :
(31) Priority Document No	:EP/2009/008217	1)BYK-CHEMIE GMBH
(32) Priority Date	:18/11/2009	Address of Applicant :ABELSTRASSE 45 46483 WESEL GERMANY
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/000757	1)BACHER, ALEXANDER
Filing Date	:08/02/2010	2)BERKEI, MICHAEL
(87) International Publication No	:WO 2011/060839	3)POTYRA, EVA
(61) Patent of Addition to Application Number	:NA	4)DIEMERT, JAN
Filing Date	:NA	5)WILLING, NADINE
(62) Divisional to Application Number	:NA	6)LÜSSENHEIDE, SUSANNE
Filing Date	:NA	7)METZGER, JÖRG
		8)MEYER, HELMUT
		9)SAWITOWSKI, THOMAS
		10)SCHUNKE, BORIS
		11)TECKLENBURG, JANIN
		12)ZANKI, ADRIAN

(57) Abstract :

The invention relates to a method for producing composite materials based on at least one polymer and carbon nanotubes (CNTs), and to composite materials obtained in this manner and the use thereof.

No. of Pages : 71 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1187/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POSITIVE ELECTRODE MATERIAL FOR ELECTRICAL DEVICE, AND ELECTRICAL DEVICE PRODUCED USING SAME

(51) International classification	:H01M 4/505
(31) Priority Document No	:2009-276808
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071610
Filing Date	:02/12/2010
(87) International Publication No	:WO 2011/068172
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KANAGAWA UNIVERSITY

(72)**Name of Inventor :**

1)ATSUSHI ITO,

2)YASUHIKO OHSAWA

3)YUICHI SATO

(57) Abstract :

[Problems to be Solved] Provided is a positive electrode material for an electrical device, which has high capacity and improved initial charge-discharge efficiency. [Means for Solving the Problem] Disclosed is a positive electrode material for an electrical device, which is represented by the formula (1): $a\text{Li}[\text{Li}_{1/3}\text{Mn}_{2/3}]\text{O}_2(1-a)$ Li $[\text{Ni}_x\text{Co}_{y}\text{Mn}_{1-x-y}]\text{O}_2$ (1) (wherein, $0 < a < 1$, $0 < x < 0.5$, and $0 < y < 0.3$) and satisfies the relational expression: $2x + y < 1$.

No. of Pages : 46 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1194/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SAFETY MODULE FOR AN AUTOMATION DEVICE

(51) International classification	:G05B 19/05
(31) Priority Document No	:102009054155.1
(32) Priority Date	:23/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006520
Filing Date	:26/10/2010
(87) International Publication No	:WO 2011/060872
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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MANNHEIM, GERMANY

(72)Name of Inventor :

1)NEUPÄRTL, HEINRICH
2)GLÖCKNER, GERD
3)BOHN, ROBERT
4)ERLER, PETER
5)GÖLZ, MICHAEL

(57) Abstract :

The invention relates to a security module for connection to an automation device or automation system, which is provided for the control of safety-critical and non- safety-critical processes and/or system components, comprising a communication board (LP1), the processing unit (14) of which can be connected to a central unit (CL) via an input/output bus slave (12) and an external input/output bus (IOB1) connected thereto. The communication board (LP1) comprises a serial communication master (10) connected via at least one communication link (IKB1), which can be connected to said communication master, to one or more secure processing units (24), (34) arranged on one or more printed circuit boards (LSP1), (LSP2) having safety-related input/output circuits (23), (33) for safety-related functions so that at least one of the printed circuit boards (LSP1), (LSP2) is provided to receive the telegrammes sent by the communication board. An internal communication slave (20), (30) is provided on the printed circuit boards (LSP1), (LSP2) for safety-relevant functions, which can be connected to the serial communication master (10) via the internal communication link (IKB1), (IKB2). Safety-related telegrammes can only be transmitted from and/or to the processing unit (14) of the communication board (LP1) via one of the secure processing units (24) which are located on the printed circuit boards (LSP1), (LSP2) for the safety- related functions by means of at least one second internal communication link (IKB2).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2012

(21) Application No.1184/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION FOR TREATING CANCER COMPRISING TRYPSINOGEN AND/OR CHYMOTRYPSINOGEN AND AN ACTIVE AGENT SELECTED FROM A SELENIUM COMPOUND, A VANILLOID COMPOUND AND A CYTOPLASMIC GLYCOLYSIS REDUCTION AGENT

(51) International classification	:A61K 38/47
(31) Priority Document No	:2009905147
(32) Priority Date	:22/10/2009
(33) Name of priority country	:Australia
(86) International Application No Filing Date	:PCT/AU2010/001403 :22/10/2010
(87) International Publication No	:WO 2011/047434
(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)KENYON, JULIAN, NORMAN
2)CLAYTON, PAUL, RODNEY
3)TOSH, DAVID
4)FELQUER, FERNANDO
5)BRANDT, RALF**

(57) Abstract :

The present invention generally relates to pharmaceutical compositions containing a protease proenzyme and use thereof for treating cancer. The pharmaceutical compositions are directed to compositions comprising a protease proenzyme and an active agent, the composition being capable of providing a multi-functional approach for treating cancer. The pharmaceutical compositions are also directed to compositions comprising a first and a second protease proenzyme capable of activation at or near a surface of a tumour cell to enhance cell-to-cell adhesion of tumour cells, effect proteolysis of tumour cells, or induce tumour cell apoptosis, differentiation or immunorecognition, wherein the first protease proenzyme is chymotrypsinogen and the second protease proenzyme is trypsinogen. The pharmaceutical compositions are also directed to compositions comprising a first and second active agent each capable of inducing intracellular activity in tumour cells.

No. of Pages : 92 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1190/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PERSONALIZED MARKETING CAMPAIGN FOR SOCIAL NETWORKS

(51) International classification	:G06Q 30/00
(31) Priority Document No	:61/263, 148
(32) Priority Date	:20/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057391
Filing Date	:19/11/2010
(87) International Publication No	:WO 2011/063212
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)PERKINS, STEPHEN, R

2)FARMER, DAVID, E

3)DILLON, DONOVAN

(57) Abstract :

A marketing system (10) includes a server (12) for hosting a marking campaign, the server (12) being in data communication with a social network channel (22), wherein the server (12) distributes an invitation through the social network channel (22) to a follower of a user of a social network associated with the social network channel (22), and a sitelet channel (24) in data communication with the server (12), wherein the sitelet channel (24) includes a dynamic website (26), and wherein the invitation directs the follower of the user of the associated social network to the dynamic website (26).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1197/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FIRE FIGHTING SYSTEM FOR A RAILWAY VEHICLE

(51) International classification	:A62C 3/07
(31) Priority Document No	:10 2009 053 551.9
(32) Priority Date	:18/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065868
Filing Date	:21/10/2010
(87) International Publication No	:WO 2011/061037
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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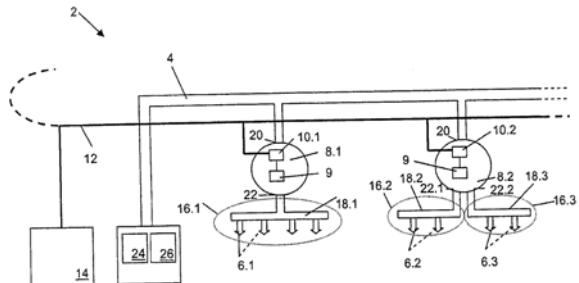
(72)Name of Inventor :

1)ANDREAS VOLK

2)ROGER DIRKSMEIER

(57) Abstract :

The invention relates to a fire fighting system, in particular for a railway vehicle, with a supply line for supplying at least one extinguishing nozzle with extinguishing fluid, wherein at least one section valve is arranged between the extinguishing nozzle and the supply line, wherein the section valve includes a signal processing means for controlling an adjustment means of the section valve, wherein the signal processing means can be electrically connected via a data communication network to a central control unit.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1198/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IRE-1 α INHIBITORS

(51) International classification	:A61K 31/185
(31) Priority Document No	:61/257,696
(32) Priority Date	:03/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054940
Filing Date	:01/11/2010
(87) International Publication No	:WO 2011/056744
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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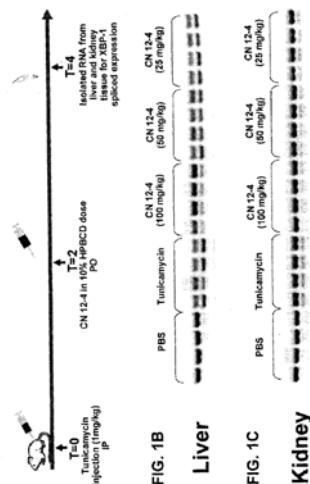
1)ZENG, QINGPING

2)WADE, WARREN S.

3)PATTERSON, JOHN BRUCE

(57) Abstract :

The invention provides compounds which directly inhibit IRE-1 α activity in vitro, prodrugs, and pharmaceutically acceptable salts thereof. Such compounds and prodrugs are useful for treating diseases associated with the unfolded protein response and can be used as single agents or in combination therapies.



No. of Pages : 169 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1205/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMPLANT COMPOSITION FOR THE REGENERATION OF NEURAL TISSUE, PROCESS OF PREPARATION AND USES THEREOF

(51) International classification	:C12N 5/0797
(31) Priority Document No	:P200931025
(32) Priority Date	:20/11/2009
(33) Name of priority country	:Spain
(86) International Application No Filing Date	:PCT/ES2010/070743 :18/11/2010
(87) International Publication No	:WO 2011/061375
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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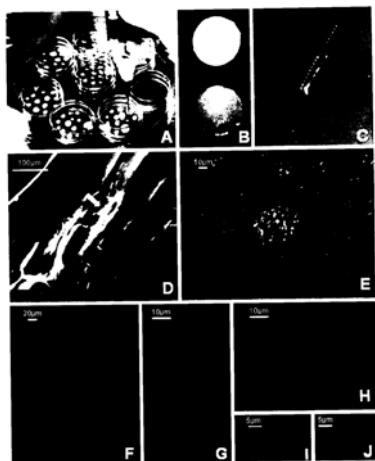
2)VAQUERO CRESPO, JESÚS

3)AGUAYO FERRER, CONCEPCIÓN

4)OTERO ORTEGA, LAURA

(57) Abstract :

The present invention provides a biocompatible, biodegradable graft composition for regeneration of neural tissue, comprising the following components: a) a gel scaffold formed from an isolated platelet containing fluid and an activating agent comprising calcium chloride, with or without thrombin, b) a nerve growth factor selected from BDNF, NGF, retinoic acid and combinations thereof, and c) a culture of at least 50.000 progenitor stem cells; the method of production and the uses thereof.



No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1192/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VALVE ARRANGEMENT

(51) International classification	:F15B 13/043
(31) Priority Document No	:10 2009 053 899.2
(32) Priority Date	:20/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067919
Filing Date	:22/11/2010
(87) International Publication No	:WO 2011/061323
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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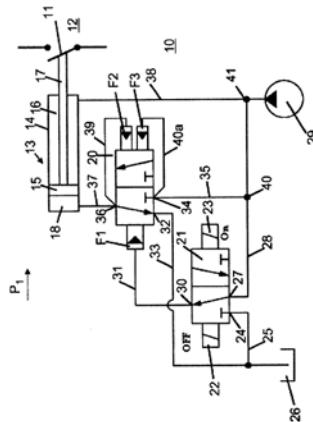
(72)Name of Inventor :

1)SCHMIDT, MATTHIAS

2)KÖRBER, FANZ-JOSEF

(57) Abstract :

The invention relates to a valve arrangement for actuating a piston cylinder arrangement (13), comprising a pilot control valve arrangement and a main control valve arrangement, wherein both the pilot control and main control valve arrangement comprise a 3/2-way valve as a pilot control valve (21) and as a main control valve (20), each valve comprising a control-pressure, high-pressure, and low-pressure connection. Said connections are connected to each other such that the main control valve (20) is controlled via the control-pressure connection of the pilot control valve (21) and the pressures on the control-pressure connection and on the high-pressure connection of both valves (20), (21) are statically inverted relative to each other. The 3/2-way valves (20, 21) are designed as seat valves and are only hydraulically connected to each other.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1193/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONTROL SYSTEM FOR CONTROLLING SAFETY-CRITICAL AND NON-SAFETY-CRITICAL PROCESSES

(51) International classification	:G05B 19/042
(31) Priority Document No	:102009054157.8
(32) Priority Date	:23/11/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/006519 :26/10/2010
(87) International Publication No	:WO 2011/060871
(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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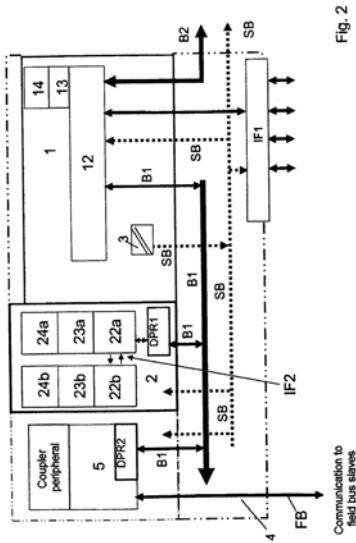
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2)GAUB, GERNOT
3)STOLL, JÜRGEN
4)BLEI, BRIGITTE
5)VERYHA, YAUHENI

(57) Abstract :

The invention relates to a control system for controlling safety-critical and non-safety-critical processes and/or system components, which has preferably a modular design, comprising at least a first control unit (1) provided for the control of the non-safety-critical process and/or the non-safety-critical system components, at least one input/output unit (11), (21), which is connected to the first control unit (1) via an internal input/output bus (B2), and at least one communication coupler (5), (6), which is connected to the first control unit (1) via an internal coupler bus (B1) and/or can be connected to additional remote units (7), (8) via a field bus (FB). In the control system according to the invention, at least a second control unit (2) for controlling the safety-critical process and/or the safety-critical system components is provided. In order to provide the safety-related functions, the second control unit (2) comprises at least two processors (22a), (22b) and a first dual-port RAM (DPR1), wherein only one of the two processors (22a), (22b) is connected to the first dual-port RAM (DPR1), and the second control unit (2) communicates with the first control unit (1) via the first dual-port RAM (DPR1) and the internal coupler bus (B1), and the first control unit (1) transmits the data from the second control unit (2) to the communication coupler (5) via the internal coupler bus (B1) and an additional dual-port RAM (DPR2) integrated into the communication coupler (5).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1206/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHODS OF TREATING OR PREVENTING ACUTE ERYTHEMA

(51) International classification	:A01N 43/50
(31) Priority Document No	:61/254,805
(32) Priority Date	:26/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053198
Filing Date	:19/10/2010
(87) International Publication No	:WO 2011/053487
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ANDRES, PHILIPPE

2)LOESCHE, CHRISTIAN

3)GRAEBER, MICHAEL

(57) Abstract :

A method of treating or preventing acute erythema in a human in need thereof by topical administration of an effective amount of an alpha adrenergic receptor agonist or pharmaceutically acceptable salt thereof is claimed. The preferred alpha adrenergic receptor agonist is brimonidine. A method of preventing secondary inflammation caused by acute erythema by topical administration of an effective amount of an alpha adrenergic receptor agonist or a pharmaceutically acceptable salt thereof is also claimed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1207/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR NON-INVASIVE TREATMENT OF HYPERTENSION
THROUGH ULTRA-SOUND RENAL DENERVATION

(51) International classification	:A61N 7/02	(71) Name of Applicant :
(31) Priority Document No	:61/256,455	1)SOUND INTERVENTIONS, INC.
(32) Priority Date	:30/10/2009	Address of Applicant :25 HEALTH SCIENCES DRIVE, BOX
(33) Name of priority country	:U.S.A.	4201, SUITE 201, STONY BROOK, NY 11790-3350 UNITED
(86) International Application No	:PCT/US2010/054684	STATES OF AMERICA
Filing Date	:29/10/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2011/053772	1)WARNKING, REINHARD, J.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Non-invasive inactivation of nerve conduction in a treatment region of a mammalian subject as, for example, a region encompassing a renal artery. A therapeutic ultrasound transducer (31) is engaged with the body of the subject outside of the treatment region, preferably with the skin of the subject in proximity to the treatment region (10). The transducer is actuated to transmit therapeutically effective softly focused ultrasound energy at a level which brings tissues throughout a relatively large impact volume (22), desirably 1 cm³ or larger, to a temperature sufficient to inactivate conduction nerves but insufficient to cause rapid necrosis. The impact volume can be aligned with the treatment region using imaging techniques. The treatment can be applied without imaging or precisely locating individual nerves, and can be used, for example, to inactive renal nerves in treatment of hypertension.

No. of Pages : 42 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1195/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PSEUDO WIRE EMULATION EDGE-TO -EDGE ACCESS

(51) International classification	:H04L 12/46
(31) Priority Document No	:200910180179.2
(32) Priority Date	:16/11/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077093
Filing Date	:19/09/2010
(87) International Publication No	:WO 2011/057520
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)XIE, MI,

(57) Abstract :

The present disclosure provides an apparatus and a method for PWE3 access. The method includes: after receiving non-Ethernet data transmitted by a local user, a local PE performs inner layer PWE3 frame format encapsulation and an outer layer L2VPN frame format encapsulation on the non-Ethernet data in sequence, and then transmits the encapsulated data to an opposite PE; after receiving the data transmitted by the opposite PE, the local PE performs an outer layer L2VPN frame format de-encapsulation and an inner layer PWE3 frame format de-encapsulation on the date in sequence, and then transmits, to the local user, the non-Ethernet data obtained after the two de-encapsulations. The present disclosure can implement the pseudo wire emulation edge-to-edge access for non-Ethernet with saving label space of the PE, and can avoid multiple exchanges of Pseudo Wire (PW) labels.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1196/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : QUALITY CONTROL RECORD AND DATA PROCESSING SYSTEM FOR CREATING AND MAINTAINING SAME

(51) International classification	:G06F 19/00	(71) Name of Applicant :
(31) Priority Document No	:61/257,662	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:03/11/2009	Address of Applicant :BROWN BOVERI STRASSE 7 CH-5400 BADEN SWITZERLAND
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/054189	1)KONOPACKI, RONALD F.
Filing Date	:27/10/2010	2)NEUSCHAEFER, CARL H.
(87) International Publication No	:WO 2011/056617	3)CROCKER, ROBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (100) and method are presented for creating and maintaining quality control records (182-198). The system includes a plurality of client devices (120). Each client device captures information, data and decisions (112) associated with raw material, components and assemblies of components (110). The information, data and decisions document operations and operating conditions at a plurality of stages (210-280) in a life cycle (200) of the raw materials, components and assemblies. The system includes a communication network (160) and one or more servers (140) operatively coupled to the client devices over the network. The servers create quality control records (182-198) including the information, data and decisions (112) for the materials, components and assemblies (110). The system includes one or more data stores (180) that store the quality control records. The information, data and decisions includes measurements and readings taken by the input- output devices (126) and decisions made at the stages and that document properties of the raw materials, components and assemblies.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1203/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BOPP-FILM

(51) International classification	:C08F 110/06
(31) Priority Document No	:09181011.9
(32) Priority Date	:30/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070326
Filing Date	:21/12/2010
(87) International Publication No	:WO 2011/080153
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :IZD TOWER WAGRAMERSTRÄBE
17-19 A-1220 VIENNA, AUSTRIA

(72)Name of Inventor :

1)GLOGER, DIETRICH

2)KLIMKE, KATJA

3)FIEBIG, JOACHIM

(57) Abstract :

Polypropylene having a melting temperature (Tm) of at least 151.0 °C, a melt flow rate MFR2(230°C) of more than 2.0g/10min, a xylene cold soluble fraction (XCS) of not more than 1.5wt.-%, <2,1> regiodefects of equal or more than 0.4mol.-% determined by 13C-spectroscopy, and a number average molecular weight (Mn) of not more than 110 kg/mol.

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1210/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FAST SETTLING,BIT SLICING COMPARATOR CIRCUIT

(51) International classification	:H03K 5/22
(31) Priority Document No	:12/589,367
(32) Priority Date	:22/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002417
Filing Date	:02/09/2010
(87) International Publication No	:WO 2011/049597
(61) Patent of Addition 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 :200 LOWDER BROOK DRIVE,
SUITE 1000, WESTWOOD, MA02090 UNITED STATES OF
AMERICA

(72)**Name of Inventor :**

1)FEDAN, OREST
2)BOURQUE, STEPHEN

(57) Abstract :

An improved fast settling bit slicing comparator circuit includes a comparator having a non-inverting and inverting input; the non-inverting input receiving an input signal; a filter circuit for receiving the input signal and being connected with the inverting input of the comparator; a positive feedback circuit interconnected between the output of the comparator and the non- inverting input of the comparator for introducing a predetermined hysteresis offset; the filter circuit including a filter resistance and filter capacitance having a reduced time constant sufficient to compensate for at least a portion of the hysteresis offset. Additionally, the positive feedback circuit may be interconnected with the inverting input of the comparator through the filter circuit for gradually reducing the effect of the hysteresis offset by reducing the differential voltage between the inverting and non-inverting inputs.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2012

(21) Application No.1199/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ZERO VALENT IRON/IRON OXIDE MINERAL/FERROUS IRON COMPOSITE FOR TREATMENT OF A CONTAMINATED FLUID

(51) International classification	:C02F 1/72	(71) Name of Applicant :
(31) Priority Document No	:61/243,875	1)THE TEXAS A&M UNIVERSITY SYSTEM
(32) Priority Date	:18/09/2009	Address of Applicant :3369 TAMU, COLLEGE STATION, TEXAS 77843-3369 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/049528	1)HUANG, YONGHENG
Filing Date	:20/09/2010	
(87) International Publication No	:WO 2011/035263	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present inventors have discovered a novel composition, method of making the composition, system, process for treating a fluid containing a contaminant. The fluid may be aqueous. The contaminated fluid may be in the form of a suspension. The treatment reduces the concentration of the contaminant. The reduction in concentration of a contaminant may be sufficient so as to effect remediation of the fluid with respect to the contaminant. The treatment may reduce the concentration of a plurality of contaminants. The present composition, system, and process are robust and flexible. The composition includes zero valent iron, an iron oxide mineral, and ferrous iron. The ferrous iron promotes maintenance of the iron oxide mineral. The iron oxide mineral promotes the activity of the zero valent iron. The process and system may involve multiple stages. A stage may be optimized for treatment with respect to a particular contaminant. The present composition, system, and process are effective for treating a fluid containing one or more of a variety of contaminants such as toxic metals, metalloids, oxyanions, and dissolved silica. It may be applied to treating various aqueous fluids, such as groundwater, subsurface water, and aqueous industrial waste streams.

No. of Pages : 70 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1208/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CRYSTALLINE FORMS OF (R)-8-CHLORO-1-METHYL-2,3,4,5-TETRAHYDRO-1H-3-BENZAZEPINE HYDROCHLORIDE

(51) International classification	:C07D 223/16
(31) Priority Document No	:60/638,221
(32) Priority Date	:21/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2005/046983 :20/12/2005
(87) International Publication No	:WO 2006/069363
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:2296/KOLNP/2007 :21/06/2007

(71)Name of Applicant :

1)ARENA PHARMACEUTICALS, INC.

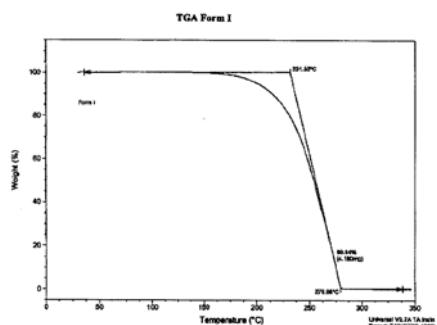
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(72)Name of Inventor :

- 1)AGARWAL, RAJESH KUMAR
- 2)BETTS, III, WILLIAM L.
- 3)HENSHIL WOOD, JAMES A.
- 4)KIANG, YUAN-HON
- 5)POST, NOAH

(57) Abstract :

The present invention is directed to crystalline forms of (R)-8-chloro-1-methyl-2,3,4,5-tetrahydro-1H-3-benzazepine, compositions containing the same, preparations, and uses thereof.



No. of Pages : 36 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1209/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DUTY CYCLE ESTIMATION SYSTEM AND METHOD

(51) International classification	:B60R 25/10
(31) Priority Document No	:12/589,288
(32) Priority Date	:21/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002253
Filing Date	:16/08/2010
(87) International Publication No	:WO 2011/049593
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LOJACK OPERATING COMPANY, LP,

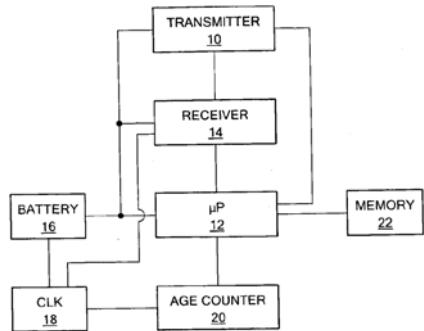
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(72)Name of Inventor :

1)BOURQUE, STEPHEN

(57) Abstract :

A method of operating a vehicle locating unit wherein an activation signal is received when the vehicle is stolen and in response to the activation signal, a signal indicating the vehicle has been stolen is transmitted. The receiver is energized for an actual duration Non periodically to listen for the activation and other signals. Estimating how long the receiver has been on includes incrementing a counter at a count resolution where Non is typically at least sometimes less than the count resolution. Estimating the total amount of time the receiver was energized is based on a measured on time after it converges with the actual on time.



No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1217/KOLNP/2012 A

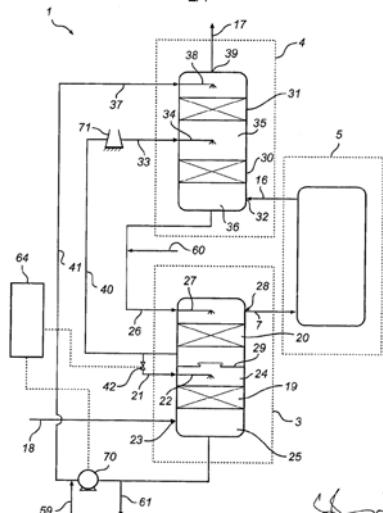
(43) Publication Date : 25/01/2013

(54) Title of the invention : FLUE GAS TREATMENT SYSTEM

(51) International classification	:B01D 53/50	(71) Name of Applicant :
(31) Priority Document No	:09175796.3	1) ALSTOM TECHNOLOGY LTD
(32) Priority Date	:12/11/2009	Address of Applicant : BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:EPO	BADEN, SWITZERLAND
(86) International Application No	:PCT/IB2010/002891	(72) Name of Inventor :
Filing Date	:11/11/2010	1) KOSS, PETER, U.
(87) International Publication No	:WO 2011/058426	
(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 gas cleaning system for cleaning a gas stream containing carbon dioxide and sulfur dioxide, said gas cleaning system comprising: a pre-conditioning section (3); a CO₂ removal stage (5); and a post- conditioning section (4); said pre-conditioning section comprising at least two gas- liquid contacting devices (19,20) arranged upstream of the CO₂ removal stage (5) with respect to the flow direction of the gas; and said post-conditioning section comprising at least two gas-liquid contacting devices (30,31) arranged downstream of the CO₂ removal stage with respect to the flow direction of the gas. The present invention further relates to a method for cleaning a gas stream containing carbon dioxide and sulfur dioxide, said method including removing, at least partly, carbon dioxide from the gas stream in a carbon dioxide removal step by bringing the gas stream into contact with a liquid comprising ammonia; contacting the gas stream with liquid in at least two steps upstream of the carbon dioxide removal step; and contacting the gas stream with liquid in at least two steps downstream of the carbon dioxide removal step.



No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1212/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TRANSPORT UNIT

(51) International classification	:B21D 43/10
(31) Priority Document No	:20 2009 015 682.6
(32) Priority Date	:01/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068555
Filing Date	:30/11/2010
(87) International Publication No	:WO 2011/067260
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHO, YONG-HAK

2)HOLECEK, THOMAS

3)GASTL, MATTHIAS

4)HENNEKE, THOMAS

5)MOCKER, SEBASTIAN

(57) Abstract :

The invention relates to a transport unit (1) for workpieces (2), in particular sheet metal parts, between neighboring placement areas or machining devices (3, 4), in particular presses. The transport unit (1) comprises a multi-axis robot (5) having a gripper tool (9). The invention further comprises a controllable transfer unit (6) guided by the robot (5), said unit comprising an advancement unit (7) and a pivot unit (8) for the gripper tool (9).

No. of Pages : 44 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1213/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SPRING-CAGE TERMINAL BLOCK

(51) International classification	:H01R 4/48
(31) Priority Document No	:102009050367.6
(32) Priority Date	:22/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/000892
Filing Date	:12/02/2010
(87) International Publication No	:WO 2011/047740
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BRAND, JÜRGEN

2)CAMINO, MANUEL

3)HOPPMANN, RALPH

4)STEINHAGE, HOLGER

(57) Abstract :

The invention relates to a spring-cage terminal block, having a bus bar and a leg spring for connecting a stripped conductor end piece of an electrical conductor, wherein the conductor end piece is inserted into a material passage of the bus bar and is clamped by means of the leg spring. According to the invention, the contact surface on the metal collar inner wall surface of the material passage has contact ribs extending along the insertion direction in order to form a linear contact pattern which extends in the insertion direction.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1219/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : THERAPEUTIC OR PROPHYLACTIC AGENT FOR DIABETES

(51) International classification	:A61K 31/4439
(31) Priority Document No	:2009-259544
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070185
Filing Date	:12/11/2010
(87) International Publication No	:WO 2011/059053
(61) Patent of Addition 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)THE UNIVERSITY OF TOKYO

(72)Name of Inventor :

1)TAKEHIRO TAKAHASHI

2)HIROKI KUMAGAI

3)TAKASHI KADOWAKI

4)NAOTO KUBOTA

5)TETSUYA KUBOTA

(57) Abstract :

A therapeutic or prophylactic agent for diabetes comprising a thiazolidine derivative as a PPAR- γ agonist as an effective component, which agent shows a reduced side effect of the PPAR- γ agonist, is disclosed. The therapeutic or prophylactic agent for diabetes comprises a particular IP agonist such as beraprost sodium (BPS), and a thiazolidine derivative such as pioglitazone or a pharmaceutically acceptable salt thereof. Since the therapeutic or prophylactic agent of the present invention shows a sufficiently effective hypoglycemic action without being accompanied by side effects characteristic to PPAR- γ agonists (e.g., body weight gain), the agent is useful as a highly safe and effective therapeutic or prophylactic agent for diabetes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1220/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRETREATING SUBSTRATES FOR PVD METHODS

(51) International classification	:C23C14/02
(31) Priority Document No	:61/115,569
(32) Priority Date	:18/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/064137
Filing Date	:27/10/2009
(87) International Publication No	: WO/2010/057747
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1905/KOLNP/2011
Filed on	:06/05/2011

(71)**Name of Applicant :**

1)OERLIKON TRADING AG, TRÜBBACH
Address of Applicant :HAUPTSTRASSE, CH-9477
TRUEBBACH, SWITZERLAND

(72)**Name of Inventor :**

1)RUDIGIER, HELMUT
2)RAMM, JÜRGEN
3)WIDRIG, BENO
4)VOM BRAUCKE, TROY

(57) Abstract :

A method for coating work pieces in a vacuum treatment system having a first electrode embodied as a target, which is part of an arc vaporization source, with an arc that is operated with an arc current by means of the first electrode and vaporizes material, and having a second electrode that is embodied as a work piece holder and, together with the work pieces, constitutes a bias electrode, with a bias voltage being applied to the bias electrode and the method including the following steps: pretreatment of the work pieces by means of metal ion bombardment so that neither a significant material removal nor a significant material buildup occurs, but instead, metal ions are introduced into the substrate surface, with the introduced metal ions including ions of a metal that is a component of the layer to be applied; direct deposition of the layer onto the pretreated substrate surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.1223/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FABRIC PINCH SACK-MAKING MACHINE, PINCH SACK AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification	:B31B 19/64	(71) Name of Applicant :
(31) Priority Document No	:102009056078.5	1)WINDMÖLLER & HÖLSCHER KG
(32) Priority Date	:30/11/2009	Address of Applicant :MÜNSTERSTRASSE 50, D-49525 LENGERICH, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/007242	1)KÖHN, UWE
Filing Date	:30/11/2010	2)STAAT, ANDREAS
(87) International Publication No	:WO 2011/072801	3)ROGER BANNISTER
(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 pinch sack (18) which (18) consists at least partially of plastic material (3), has a sack body which substantially comprises a piece of tube (24) and which (18) has at least one pinched base (55) at one end of the piece of tube (24). At least a portion of the plastic material (3) is stretched, and the at least one pinched base (55) is fixed by means of a heat-induced joining process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1211/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A METHOD OF CONTROLLING A POWER PLANT

(51) International classification	:F01K 13/02
(31) Priority Document No	:12/622,748
(32) Priority Date	:20/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052593
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/062710
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KOTDAWALA, RASESH, R.

2)HANDAGAMA, NARESHKUMAR, B.

3)HEPNER, STEPHAN

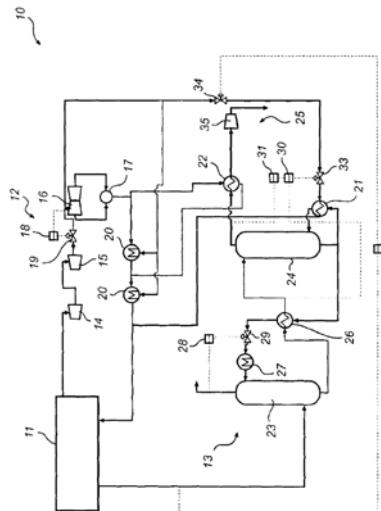
4)MARCHAND, JACQUES

5)PFEFFER, ALLEN, M.

6)SHABDE, VIKRAM, S.

(57) Abstract :

The present invention relates to a method of controlling a power plant (10), which power plant (10) comprises: a boiler (11) adapted for combusting an organic fuel and for generating steam and a process gas comprising carbon dioxide; a steam system; and a carbon dioxide capture system (13) adapted to remove at least a portion of the carbon dioxide from the process gas by contacting a carbon dioxide absorbent solution with the process gas, the method comprising: forwarding a portion of the steam produced by the power plant boiler (11) to a regenerator (24) of the carbon dioxide capture system (13); regenerating the absorbent solution in said regenerator (24) through heating of said carbon dioxide absorbent solution by means of the forwarded steam; and automatically controlling the operation of the carbon capture system (13) by means of at least one automatic controller. The invention also relates to a power plant (10) including a carbon dioxide capture system (13).



No. of Pages : 29 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.1225/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NOTCHED SAW IMAGE FREQUENCY REJECTION FILTER SYSTEM

(51) International classification	:H03H 9/64
(31) Priority Document No	:12/589,431
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002418
Filing Date	:02/09/2010
(87) International Publication No	:WO 2011/049598
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LOJACK OPERATING COMPANY, LP

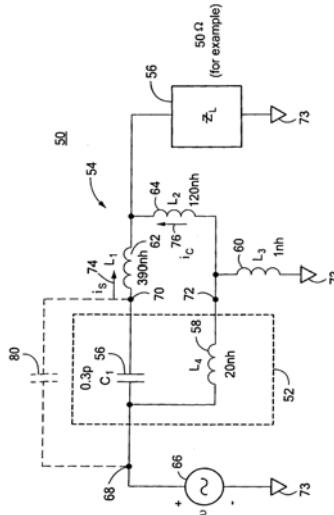
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(72)Name of Inventor :

1)FEDAN, OREST

(57) Abstract :

A notched SAW image frequency rejection filter system includes a SAW filter having an input, an output and a ground output and an impedance matching network including a first matching inductance connected to the SAW filter output and a second matching inductance connected to the ground output of the SAW filter; the SAW filter having an inherent internal capacitance that produces a predetermined capacitive leakage current at the image frequency; an inherent internal inductance that produces an inductance leakage current at the image frequency; and a boosted inherent parasitic ground inductance at the ground output of the SAW filter for generating a voltage across the second matching inductance to produce a compensation current which is substantially opposite in phase and substantially matched in magnitude with the capacitive leakage current for reducing the capacitive leakage current and increasing the image frequency rejection.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.1226/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : POWER MANAGEMENT SYSTEM AND METHOD FOR VEHICLE LOCATING UNIT

(51) International classification	:G01C 21/00
(31) Priority Document No	:12/589,498
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002393
Filing Date	:01/09/2010
(87) International Publication No	:WO 2011/049595
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)JUSTICE, JAMES

2)RHODES, JESSE

3)GOODWIN, MICHAEL

(57) Abstract :

Improved power management for a vehicle locating unit is achieved by receiving a transmission from a communication source, each transmission including at least one message frame having a data field and at least one auxiliary field; entering a wake mode upon indexing the assigned message frame of the receiver in the transmission; matching the pattern of bits of at least one auxiliary field of the indexed frame with one or more stored patterns of bits expected for that auxiliary field; and returning to the sleep mode as soon as a mismatch is determined or processing the message if no mismatch occurs.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.1228/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SYNCHRONIZATION SYSTEM AND METHOD FOR ACHIEVING LOW POWER BATTERY OPERATION OF A VEHICLE LOCATING UNIT

(51) International classification	:G08B 1/08
(31) Priority Document No	:61/279,630
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/002789 :18/10/2010
(87) International Publication No	:WO 2011/049619
(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)LOJACK OPERATING COMPANY, LP

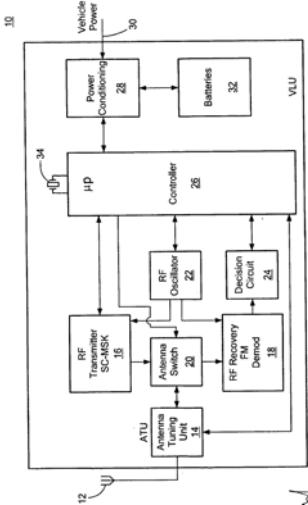
Address of Applicant :200 LOWDER BROOK ROAD,
SUITE 1000, WESTWOOD, MA 02090 UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)GOODWIN, MICHAEL
2)JUSTICE, JAMES
3)RHODES, JESSE

(57) Abstract :

Synchronization for achieving low power battery operation of a vehicle locating unit in a stolen vehicle recovery system whose radio receiver receives periodic transmissions, includes receiving periodic transmissions; turning on a radio receiver for a limited time to detect an expected message; if an expected message is not found, turning off the receiver and turning it on again after a time asynchronous with the transmission period; and after finding an expected message, waiting for the period of the transmissions less the length of an expected message and then looking for a synchronization symbol in the expected message and synchronizing subsequent actuation of the receiver using that synchronization symbol.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1218/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AUTOMATED COMPONENT VERIFICATION SYSTEM

(51) International classification	:G01N 31/00
(31) Priority Document No	:61/257,651
(32) Priority Date	:03/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054188
Filing Date	:27/10/2010
(87) International Publication No	:WO 2011/056616
(61) 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,

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BADEN, SWITZERLAND

(72)**Name of Inventor :**

1)KONOPACKI, RONALD, F.

2)CARTER, NATHAN

(57) Abstract :

A system (100) and method are presented for qualifying a component (20). The system includes a receiving station (142), a control section (120), a plurality of test/inspection stations (150), a data storage section (190) and a marking station (210). The receiving station receives a component (20). The control section includes a processor (122). The plurality of test/inspection stations each include equipment (154, 164, 174) to measure one or more of physical, compositional and resistance properties of the component. The processor and the equipment cooperate to compare the measured properties to predefined properties for acceptance of the component, and to determine conformance between the measured properties and the predefined properties to qualify the component for use. The data storage section includes data store (194) that receives and stores the predefined properties (192), the unique identifier (26), and the measured properties (196-200) of the component. The marking station includes marking equipment (216) to mark the component with the unique identifier.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.1230/KOLNP/2012 A

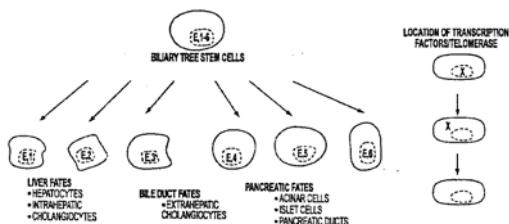
(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTIPOTENT STEM CELLS FROM THE EXTRAHEPATIC BILIARY TREE AND METHODS OF ISOLATING SAME

(51) International classification	:C12N 5/071	(71)Name of Applicant :
(31) Priority Document No	:61/256,846	1)THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
(32) Priority Date	:30/10/2009	Address of Applicant :CAMPUS BOX 4105, 308 BYNUM HALL, CHAPEL HILL, NC 27599 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	2)SAPIENZA UNIVERSITA DI ROMA
(86) International Application No Filing Date	:PCT/US2010/054450 :28/10/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2011/053690	1)REID, LOLA, M. 2)WANG, YUNFANG 3)CARDINALE, VINCENZO 4)GAUDIO, EUGENIO 5)CARPINO, GUIDO 6)ALVARO, DOMENICO 7)CUI, CAI-BIN
(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 multipotent stem cell, multipotent cell populations, and an enriched multipotent cell population, each found in fetal, neonatal, pediatric, and adult biliary tree tissue and up to 72 hours post mortem (although preferentially, within 10 hours post mortem) and capable of maturing into multiple endodermal tissues that include liver, biliary and pancreatic tissues. The multipotent stem/progenitor cell and cell populations are found in peribiliary glands, and progenitors descending from them are present throughout the biliary tree including in the gallbladder. High numbers of the peribiliary glands are found in the branching locations of the biliary tree such as hilum, common hepatic duct, cystic duct, common duct, common hepato-pancreatic duct and gallbladder. Related multipotent cells, multipotent cell populations and their descendent progenitors are found throughout the biliary tree including in the gall bladder, which does not have peribiliary glands. Compositions comprising same, methods of identifying and isolating same, maintaining same in culture, expanding same in culture and differentiating or lineage restricting the same in vitro or in vivo to hepatic, biliary or pancreatic fates (e.g., as hepatocytes, cholangiocytes, and/or pancreatic islet cells) are also provided. Methods of using the multipotent cells and/or multipotent cell populations are also provided.



No. of Pages : 65 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.1231/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PYRIDINO-PYRIDINONE DERIVATIVES, PREPARATION AND THERAPEUTIC USE THEREOF

(51) International classification	:C07D 471/04
(31) Priority Document No	:09/05602
(32) Priority Date	:23/11/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052480
Filing Date	:22/11/2010
(87) International Publication No	:WO 2011/061458
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANOFI

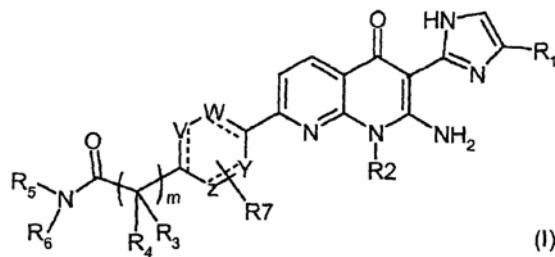
Address of Applicant :54 RUE LA BOÉTIE F-75008 PARIS
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(72)Name of Inventor :

1)LASSALLE, GILBERT
2)MARTIN, VALÉRIE
3)MCCORT, GARY
4)VOLLE-CHALLIER, CÉCILE

(57) Abstract :

The invention relates (i) to pyridine-pyridinone derivatives with the formula (I): where R1 is a hydrogen atom or a (C1-C4)alkyl group; R2 is a (CH2)n-B group, in which n = 0, 1, 2, 3 or 4 and B is a (C3-C5)cycloalkyl group, a (C1-C4)alkyl group or a (C1-C4)alkoxy group; Y, Z, V and W are, independently from one another, a -CH- group, a carbon atom, a heteroatom or no atom, with the understanding that the cycle, which includes V, W, Y and Z, is a cycle including 5 or 6 members, with the understanding that the dotted lines in said cycle indicate that the resulting cycle is an aromatic cycle and with the understanding that said cycle includes 0, 1 or 2 heteroatoms; R3 and R4 are, independently from one another, identical or different groups selected among a hydrogen atom and a straight (C1-C4)alkyl group, or form a (C3-C5)cycloalkyl group together with the carbon to which the former are bonded; m is an integer equal to 1, 2, 3 or 4; R5 is a hydrogen atom or a (C1-C4)alkyl group; R6 is a (CH2)n-L group where n = 0, 1, 2 or 3, and L is a group selected among aryls with 6 carbon atoms, heteroaryls having 5 or 6 members, the saturated heterocycles including 5, 6 or 7 members or forming a heterocycle group together with the nitrogen atom to which the former are linked. The invention also relates (ii) to the preparation of said derivatives, and (iii) to the therapeutic use thereof as inhibitors of kinase activity in receptors having PDGF ligands and/or receptors with the FLT3 ligand.



(I)

No. of Pages : 87 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.1229/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : COMPACT SECURITY DEVICE WITH TRANSACTION RISK LEVEL APPROVAL CAPABILITY

(51) International classification	:H04L 29/06
(31) Priority Document No	:12/604,838
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053846
Filing Date	:22/10/2010
(87) International Publication No	:WO 2011/050321
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HOORNAERT, FRANK
2)MARIEN, DIRK

(57) Abstract :

Transactions are classified into a limited number of categories. A user submitting a transaction to a server is requested to also generate and submit a dynamic transaction category approval code for the submitted transaction. On the server side a corresponding verification value is generated for the received transaction. Transactions are assigned one of a limited number of risk levels. A user submitting a transaction to a server is requested to also generate and submit a dynamic risk level approval code for the submitted transaction. On the server side a corresponding verification value is generated for the received transaction. The received dynamic risk level approval code is verified on the server side by comparing it with the generated verification value.

No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1240/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A SURFACE TREATING AGENT CONTAINING A FILM FORMING RESIN COMPOSITION AS WELL AS FILLERS, AND USE THEREOF

(51) International classification	:C09D 7/12	(71) Name of Applicant :
(31) Priority Document No	:PA 2009 01148	1)ULMADAN-R.D. APS
(32) Priority Date	:23/10/2009	Address of Applicant : VESTERGADE 21 DK-5300 KERTEMINDE DENMARK
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK2010/000141	1)LAURSEN, UFFE
Filing Date	:22/10/2010	
(87) International Publication No	:WO 2011/047683	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surface treating agent (8) containing a film forming resin composition (2) and a filler (3), said filler comprising a particulate material selected from inorganic acids, chalk (CaCO₃), glass, plastics, wood flour or combinations thereof. The filler (3) has a particle size of below 400 µm. The surface treating agent (8) is used particularly for application to faces and/or edges of plate-shaped elements (4) of solid wood, laminated wood-based products, such as veneer boards and chip- boards, MDF boards and boards of mineral wool and plaster.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1241/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NOVEL ANTITUMORAL USE OF CABAZITAXEL

(51) International classification	:A61K 31/164
(31) Priority Document No	:61/256,160
(32) Priority Date	:29/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/054866
Filing Date	:27/10/2010
(87) International Publication No	:WO 2011/051894
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)AVENTIS PHARMA S.A.

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(72)**Name of Inventor :**

1)GUPTA, SUNIL

(57) Abstract :

The invention relates to a compound of Formula (I): which may be in base form or in the form of a hydrate or a solvate, in combination with prednisone or prednisolone, for its use as a medicament in the treatment of prostate cancer, particularly metastatic prostate cancer, especially for patients who are not catered for by a taxane-based treatment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1242/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING HYDROGEN USING SODIUM ION SEPARATION MEMBRANES

(51) International classification	:C25B 1/16	(71) Name of Applicant :
(31) Priority Document No	:12/632,058	1)BATTELLE ENERGY ALLIANCE, LLC
(32) Priority Date	:07/12/2009	Address of Applicant :P.O. BOX 1625, IDAHO FALLS, ID 83415-3899 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/056243	1)BINGHAM, DENNIS, N.
Filing Date	:10/11/2010	2)KLINGLER, KERRY, M.
(87) International Publication No	:WO 2011/071653	3)TURNER, TERRY, D.
(61) Patent of Addition to Application Number	:NA	4)WILDING, BRUCE, M.
Filing Date	:NA	5)FROST, LYMAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of producing hydrogen from sodium hydroxide and water is disclosed. The method comprises separating sodium from a first aqueous sodium hydroxide stream in a sodium ion separator, feeding the sodium produced in the sodium ion separator to a sodium reactor, reacting the sodium in the sodium reactor with water, and producing a second aqueous sodium hydroxide stream and hydrogen. The method may also comprise reusing the second aqueous sodium hydroxide stream by combining the second aqueous sodium hydroxide stream with the first aqueous sodium hydroxide stream. A system of producing hydrogen is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1243/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CUTTING INSERT HAVING CUTTING EDGES WITH RECESSED PORTIONS

(51) International classification	:B23C 5/22
(31) Priority Document No	:203283
(32) Priority Date	:13/01/2010
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2010/001053
Filing Date	:14/12/2010
(87) International Publication No	:WO 2011/086544
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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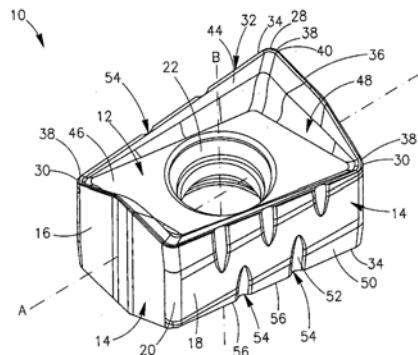
(72)Name of Inventor :

1)SMILOVICI, CAROL

2)ATAR, OSAMA

(57) Abstract :

A cutting insert (10) has a cutting edge (54, 56) formed at the intersection of a side surface (14) and an end surface (12). Recesses (52) formed in the side surface (14) interrupt the cutting edge at recessed cutting edge portions (54). Each recessed cutting edge portion (54) has, in an end view of the cutting insert, a curved central section located between two curved side sections. The central section has a first radius of curvature and each side section has a second radius of curvature, the first radius of curvature being larger than the second radius of curvature.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1237/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : NEW WAY TO PRODUCE POLYPROPYLENE GRADE IN A SEQUENTIAL PROCESS

(51) International classification	:C08F 110/06
(31) Priority Document No	:09181006.9
(32) Priority Date	:30/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070325
Filing Date	:21/12/2010
(87) International Publication No	:WO 2011/080152
(61) Patent of Addition 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 :IZD TOWER WAGRAMERSTRABE
17-19 A-1220 VIENNA, AUSTRIA

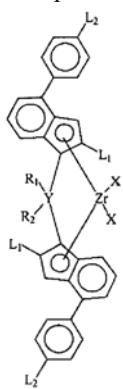
(72)Name of Inventor :

1)GLOGER, DIETRICH

2)PAAVILAINEN, JUHA

(57) Abstract :

Process for the preparation of a polypropylene in a sequential polymerization process comprising at least two reactors connected in series, wherein said process comprises the steps of (A) producing in a first reactor a first polypropylene fraction, (B) transferring said first polypropylene fraction in a second reactor, (C) polymerizing in said second reactor and in the presence of said first polypropylene fraction a second polypropylene fraction obtaining polypropylene composition, wherein said first polypropylene fraction has either a melt flow rate MFR2 (230 °C) of not more than 1.5 g/10min or of more than 2.0 g/10min, and comprises units derived from propylene and optionally at least one C2 to C10 α-olefin different to propylene, the polypropylene composition has a melt flow rate MFR2 (230 °C) of more than 2.0 g/10min and the melt flow rate MFR2 (230 °C) of the polypropylene composition (PP-C) is different to the melt flow rate MFR2 (230 °C) of the first polypropylene fraction (PP-1), in the first reactor and second reactor (R-2) the polymerization takes place in the presence of a solid catalyst system, said solid catalyst system (SCS) has a porosity of less than 1.40 ml/, comprises a catalyst being the oregano-zirconium compound of formula (I) wherein X are legends with a δ-bond to the zirconium (R), L1 are identical residues selected from the group consisting of linear C1 to C20 alkyl, branched C3 to C20 alkyl, linear C1 to C20 alkenyl, branched C4 to C20 alkenyl, C4 to C12 cycloalkyl, C1 to C20 alkyl substituted C5 to C20 cycloalkyl, C6 to C20 aryl, and C5 to C20 cycloalkyl substituted C1 to C20 alkyl wherein the cycloalkyl residue is substituted by C1 to C20 alkyl, L2 are identical residues selected from the group consisting of linear C1 to C20 alkyl, branched C3 to C20 alkyl, linear C1 to C20 alkenyl, branched C4 to C20 alkenyl, C4 to C12 cycloalkyl, C1 to C20 alkyl substituted C5 to C20 cycloalkyl, and C6 to C20 aryl, Y is C, Si or Ge, preferably Si, R1 is C1 to C20 alkyl, C4 to C10 cyclo-alkyl, C6-C12 aryl, C7-C12 arylalkyl, or trimethylsilyl, R2 is C1 to C20 alkyl, C4 to C10 cyclo-alkyl, C6-C12 aryl, C7-C12 arylalkyl, or trimethylsilyl, and comprises a cocatalyst (Co) comprising an element (E) of group 13 of the periodic table (IUPAC).



No. of Pages : 53 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1239/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A DISPENSER

(51) International classification	:B65D 37/00
(31) Priority Document No	:11/085,370
(32) Priority Date	:21/03/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/010102
Filing Date	:21/03/2006
(87) International Publication No	:WO 2006/102263
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3309/KOLNP/2007
Filed on	:06/09/2007

(71)Name of Applicant :

1)LANCER PARTNERSHIP, LTD.

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(72)Name of Inventor :

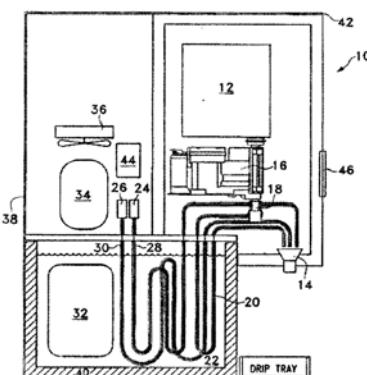
1)ROMANYSZYN, MICHAEL, T.

2)BASIL, GIRJIS, F.

3)SCHROEDER, ALFRED, A.

(57) Abstract :

A dispenser, comprising a housing having a front side; a dispensing point proximate the front side of the housing; a container containing a liquid to be dispensed; a tube coupled to the container; a peristaltic pump coupled to the tube and operable to pump liquid from the container through the tube toward the dispensing point; and a self-sealing dispensing valve coupled to the tube downstream of the peristaltic pump.



No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1245/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTI-STAGE SWITCHABLE PILOT-CONTROLLED VALVE ARRANGEMENT

(51) International classification	:F16K 31/122
(31) Priority Document No	:10 2009 053 814.3
(32) Priority Date	:18/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067544
Filing Date	:16/11/2010
(87) International Publication No	:WO 2011/061171
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR
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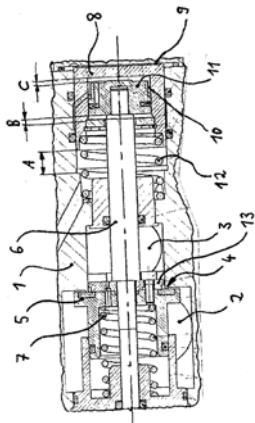
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(72)Name of Inventor :

1)VÖLBEL, HEINZ
2)KRASSELT, STEFFEN
3)GARTEN, THOMAS

(57) Abstract :

The invention relates to a pilot-controlled valve arrangement having at least one valve mechanism mounted in a valve housing (1) for multi-stage switching of a compressed air flow between a feed pressure connection (2) and a working line connection (3), wherein a throttled compressed air flow can be switched in at least one switching stage by means of a throttle, wherein the pneumatic pilot control comprises a first control piston (8) mounted in a first control chamber (9) implemented in the valve housing (1) and comprising a coaxial recess for forming a second control chamber (10) in which a second control piston (11) is mounted, so that an additive control pressure application to the control chambers (9, 10) generates a telescope-like deployment of a ram (6) extending from the second control piston (11) for generating a multi-stage switching stroke for the valve mechanism, in order to implement the throttled compressed air flow in at least one switching stage of the valve mechanism present between the closed and the open valve setting.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1244/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CONVERTER FOR HIGH VOLTAGES

(51) International classification	:H02H 7/125
(31) Priority Document No	:10 2009 057 288.0
(32) Priority Date	:01/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067735
Filing Date	:18/11/2010
(87) International Publication No	:WO 2011/067120
(61) 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

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MÜNCHEN GERMANY

(72)Name of Inventor :

1)RAINER MARQUARDT

(57) Abstract :

The invention relates to a submodule (7) for developing an inverter (1) for high- voltage use, having a first sub-unit (5) comprising a first energy store (18), a first series circuit (11) of two power semiconductor switching units (12, 13) connected in parallel with the first energy store (18), each comprising a power semiconductor (14, 15) that can be switched on and off, having the same pass-through direction, and each being conductive opposite the nominal pass-through direction, and comprising a first connection terminal (x2), connected to the potential point between the power semiconductor switching units (12, 13) of the first series circuit (11), and a second sub-unit comprising a second energy store (26), a second series circuit (19) of two power semiconductor switching units (20, 21) connected in parallel with the second energy store (26), each comprising a power semiconductor (22, 23) that can be switched on and off, having the same pass-through direction, and each being conductive opposite the nominal pass-through direction, and comprising a second connection terminal (x1) connected to the potential point between the power semiconductor switching units (20, 21) of the second series circuit (19), limiting short circuit currents quickly, reliably, and effectively in case of a fault, wherein the first sub-unit and the second sub-unit (10) are connected to each other by connection means (27) designed such that a current flow between the first connection terminal (x2) and the second connection terminal (x1) in both directions takes place only via the first energy store (18) and/or the second energy store (26) in a selected switching state of all power semiconductor switching units (12, 13, 20, 21).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1247/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SYSTEM AND ASSOCIATED METHOD FOR MONITORING AND CONTROLLING A POWER PLANT

(51) International classification	:F23D 1/00	(71) Name of Applicant :
(31) Priority Document No	:09179051.9	1)ABB RESEARCH LTD.
(32) Priority Date	:14/12/2009	Address of Applicant :AFFOLTERNSTRASSE 44, 8050 ZÜRICH SWITZERLAND
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/068058	1)ANTOINE, MARC
Filing Date	:23/11/2010	2)MERCANGOEZ, MEHMET
(87) International Publication No	:WO 2011/072995	3)VON HOFF, THOMAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control system, for use with a power plant having a mill for pulverising material for input into a combustion system of the power plant, the control system comprising: a first sensor (12), for recording a first parameter of a first output from the combustion system; a second sensor (14), for recording a second parameter of a second output from the combustion system; an adjuster system (16), for adjusting and recording at least one variable parameter of the combustion system; a state estimator (18) component operable to receive a first signal relating to such first parameter, a second signal relating to such a second parameter and a third signal relating to such at least one variable system parameter, the state estimator component being operable to use the first signal, second signal and third signal to produce a material parameter indicator signal (20) and a system state indicator signal (22); and an output component (24) operable to receive such a material parameter indicator signal and such a system state indicator signal and to combine said material parameter indicator signal and system state indicator signal to produce an output control signal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1248/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BEARING STEEL

(51) International classification	:C22C 38/00
(31) Priority Document No	:2009-272929
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071778
Filing Date	:30/11/2010
(87) International Publication No	:WO 2011/065592
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)JFE STEEL CORPORATION

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,
CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)**Name of Inventor :**

1)MINORU HONJO

2)KAZUKUNI HASE

3)HIDETO KIMURA

(57) Abstract :

A bearing steel contains C: 0.56% by mass or more and 0.70% by mass or less, Si: 0.15% by mass or more and less than 0.50% by mass, Mn: 0.60% by mass or more and 1.50% by mass or less, Cr: 0.50% by mass or more and 1.10% by mass or less, P: 0.025% by mass or less, S: 0.025% by mass or less, Al: 0.005% by mass or more and 0.500% by mass or less, O: 0.0015% by mass or less, N: 0.0030% by mass or more and 0.015% by mass or less, and a remainder of Fe and incidental impurities. The bearing steel has a composition such that the eutectic carbide formation index Ec satisfies $0 < Ec \leq 0.25$. This can reduce the formation of eutectic carbide in a segregation zone in bearing steels made of ingot steels as well as continuously casting steels.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1246/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HYDROSTATIC RADIAL PISTON MACHINE

(51) International classification	:F01B 13/06
(31) Priority Document No	:10 2009 054 548.4
(32) Priority Date	:11/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069078
Filing Date	:07/12/2010
(87) International Publication No	:WO 2011/070019
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BERBUER, JÜRGEN

Address of Applicant :NERVIERSTRASSE 24, 52074
AACHEN, GERMANY

(72)Name of Inventor :

1)BERBUER, JÜRGEN

(57) Abstract :

A hydrostatic radial piston machine includes a radial cylinder block (9) with cylinder bores (11) which extend from an outer circumferential surface of the radial cylinder block into an interior of the radial cylinder block and are arranged distributed over a circumference of the radial cylinder block; a number of pistons (13) which corresponds to the number of cylinder bores; a cam ring (4) which is arranged eccentric with respect to the radial cylinder block and envelops the radial cylinder block circumferentially, and ends of the pistons which face away from the radial cylinder piston block are supported movably on an inner circumferential surface (17) of the radial cylinder block during a rotation of the radial cylinder block; two control plate elements (30, 32) which extend respectively with a face oriented towards the radial cylinder block towards a central plane of the radial cylinder block, which central plane is perpendicular to the rotation axis, and both control plate elements extend with the faces oriented towards the radial cylinder block beyond a plane which is defined by a face of the radial cylinder block that is oriented towards the respective control plate element at a greatest axial width of the radial cylinder block. Each control plate element includes a bearing portion in which radially acting forces are transferable to a respective mating surface in the housing (2) or housing cover (3) mounted in the housing.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1252/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BOPP WITH HOMOGENEOUS FILM MORPHOLOGY

(51) International classification	:C08F 110/06
(31) Priority Document No	:09181009.3
(32) Priority Date	:30/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/070323
Filing Date	:21/12/2010
(87) International Publication No	:WO 2011/080151
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :IZD TOWER WAGRAMERSTRABE
17-19 A-1220 VIENNA, AUSTRIA

(72)Name of Inventor :

1)GLOGER, DIETRICH

2)PAAVILAINEN, JUHA

(57) Abstract :

Polypropylene having a melting temperature (Tm) of at least 151.0 °C. a xylene cold soluble fraction (XCS) of not more than 1.5wt-%. and 18.0 to 50.0 wt-% of a crystalline fraction melting at or above 160 °C, wherein said fraction is determined by the stepwise isothermal segregation technique (SIST).

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1254/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AN ITEM OF FURNITURE

(51) International classification	:A47C 3/18
(31) Priority Document No	:2009905240
(32) Priority Date	:27/10/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001440
Filing Date	:27/10/2010
(87) International Publication No	:WO 2011/050413
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NILSSON, ROBERT, ANDERS

Address of Applicant :69 TIMBERGLADES ROAD,
MONTROSE, VICTORIA 3765 AUSTRALIA

2)DAVIES, WAYNE

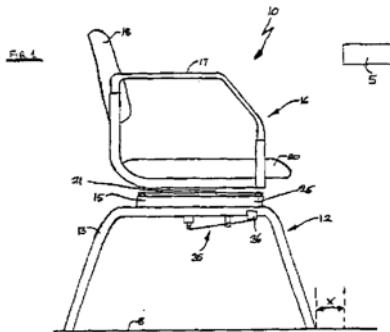
(72)Name of Inventor :

1)NILSSON, ROBERT, ANDERS

2)DAVIES, WAYNE

(57) Abstract :

There is disclosed a chair (10) for positioning an individual with respect to a reference location (5), such as a table. The chair (10) comprises a base portion (12) configured to be located on a support surface (6). A seat portion (16) is mounted to the base portion (12) and is configured to receive the individual thereon. A first mechanism (21) is configured to provide rotational movement of said seat portion (16) with respect to said base portion (12). A second mechanism (25) is configured to provide sliding lateral movement of the seat portion (16) with respect to said base portion (12). The first mechanism (21) and the second mechanism (25) are activated independently to facilitate movement of the individual from a first position that is located remote from the reference location (5) to a second position that is located adjacent said reference location (5) without the need for movement of the base portion (12) with respect to the support surface.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1255/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEUTERATED 5,6-DIHYDRO-1H-PYRIDIN-2-ONE COMPOUNDS

(51) International classification	:A61K 31/54
(31) Priority Document No	:61/255,728
(32) Priority Date	:28/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054276
Filing Date	:27/10/2010
(87) International Publication No	:WO 2011/056647
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANADYS PHARMACEUTICALS, INC.

Address of Applicant :5871 OBERLIN DRIVE #200, SAN DIEGO, CA 92121 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)WEBBER, STEPHEN, E.

(57) Abstract :

The invention is directed to deuterated 5,6-dihydro-1H-pyridin-2-one compounds and pharmaceutical compositions containing such compounds that are useful in treating infections by hepatitis C virus.

No. of Pages : 42 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1256/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR CLIENT IP ADDRESS INSERTION VIA TCP OPTIONS

(51) International classification	:H04L 29/06
(31) Priority Document No	:61/264,483
(32) Priority Date	:25/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058065
Filing Date	:24/11/2010
(87) International Publication No	:WO 2011/066435
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CITRIX SYSTEMS, INC.

Address of Applicant :851 WEST CYPRESS CREEK ROAD,
FORT LAUDERDALE, FL 33309 UNITED STATES OF
AMERICA

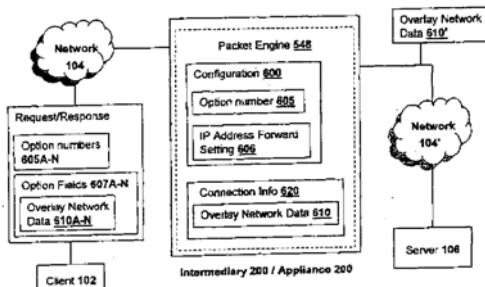
(72)Name of Inventor :

1)KUMAR, ASHOK

2)ANNAMALAISAMI, SARAVANAKUMAR

(57) Abstract :

The present disclosure presents systems and methods for maintaining identification of network devices sending or traversing a network packet en route to an intermediary device deployed between a source and a destination network device. An intermediary may receive an acknowledgement packet comprising an option field identified by an option number for a transport layer connection established via intermediary. The acknowledgement packet may comprise overlay network data that identifies IP addresses of the originating network device and host network devices intercepting and forwarding the network packet to the intermediary. The intermediary device may determine the option number for the option field from which to obtain the overlay network data identifying IP addresses. The intermediary device may receive a second request of the client to access the server via the transport layer connection and insert IP addresses from the overlay network data into an application layer protocol header of the second request forwarded to the server.



No. of Pages : 119 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1257/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MAIN BRAKE DEVICE OF A VEHICLE HAVING TEST RUN FOR VALVES

(51) International classification	:B60T 8/88
(31) Priority Document No	:10 2009 053 815.1
(32) Priority Date	:18/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067558
Filing Date	:16/11/2010
(87) International Publication No	:WO 2011/061179
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH.

Address of Applicant :MOOSACHER STRASSE 80, 80809 MÜNCHEN, GERMANY

(72)Name of Inventor :

- 1)WIEDER, GERHARD**
 - 2)MUSTAPHA, ADNAN**
 - 3)ZIEGLER, ANDREAS**
 - 4)SCHWAB, FRANK**
 - 5)JUNDT, OLIVER**
 - 6)HOLOBRADI, PETER**
-

(57) Abstract :

According to the invention, the electronic controller (14) is implemented such that said controller controls the inlet valve and/or the outlet valve of the ABS pressure control valve (26) and the valve device (12) in the course of at least one test run, in order to generate pressure in a pressure medium line (24) between the valve device (12) and the ABS pressure control valve (26) detectable by the at least one pressure sensor (36), said controller detects the pressure curve over time for the pressure set for the pressure medium line (24) by means of analyzing the signals provided by the pressure sensor (36) and compares said curve to a saved expected pressure curve, and generates an error signal in case of a deviation of the detected pressure curve from the expected saved pressure curve according to predetermined criteria. Alternatively to the pressure, the wheel slip and/or vehicle deceleration is compared to saved values and analyzed.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1258/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VENTILATION BOX FOR AN EXTRACTOR HOOD

(51) International classification	:F24C 15/20
(31) Priority Document No	:10 2009 055 077.1
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068584
Filing Date	:01/12/2010
(87) International Publication No	:WO 2011/085860
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH

Address of Applicant :CARL-WERY-STR. 34, 81739

MÜNCHEN GERMANY

(72)Name of Inventor :

1)FEISTHAMMEL, EGON

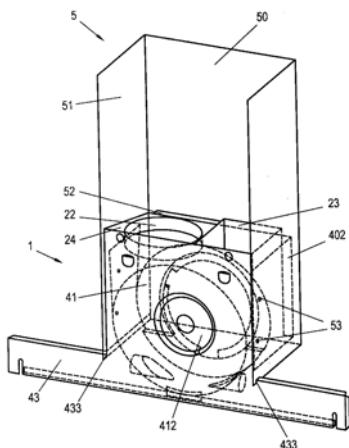
2)HUTZMANN, MICHAEL

3)MOSER, STEFFEN

4)WENDLAND, MARKUS

(57) Abstract :

The invention relates to a ventilation box for an extractor hood, which comprises a sheet metal jacket (4) and a channel (5). The ventilation box is characterized in that the ventilation box (1) is formed at least by a part (41, 42) of the sheet metal jacket (4) and a part (50) of the channel (5) of the extractor hood.



No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1259/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SEMICONDUCTOR DEVICE USING CLOSE PROXIMITY WIRELESS COMMUNICATION

(51) International classification	:H01L 21/822
(31) Priority Document No	:2010-230184
(32) Priority Date	:13/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/005599
Filing Date	:04/10/2011
(87) International Publication No	:WO 2012/049821
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN

(72)**Name of Inventor :**

1)DAISAKU KITAGAWA

2)TAKESHI NAKAYAMA

3)MASAHIRO ISHII

(57) Abstract :

The present invention provides a semiconductor device capable of changing the setting of the internal operation mode without increasing the number of terminals of the semiconductor device. The semiconductor device 100a includes a transmitting cell, a receiving cell, a semiconductor chip 120 including a transmitting antenna 121a and a receiving antenna 122a, and a conductor 111a. The transmitting antenna 121a is connected to the transmitting cell, and the receiving antenna 122a is connected to the receiving cell. The conductor 111a is provided close to the transmitting antenna 121a and the receiving antenna 122a. close proximity wireless communication is used between the transmitting cell and the receiving cell.

No. of Pages : 50 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1260/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : A NEW CRYSTALLINE FORM OF PEMETREXED DISODIUM

(51) International classification	:C07D 487/04
(31) Priority Document No	:61/264,018
(32) Priority Date	:24/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/068132
Filing Date	:24/11/2010
(87) International Publication No	:WO 2011/064256
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AZAD PHARMACEUTICAL INGREDIENTS AG

Address of Applicant :FRIEDBERGSTRASSE 68, CH-8200
SCHAFFHAUSEN SWITZERLAND

2)UNIVERSITY OF ZURICH

(72)Name of Inventor :

1)ALBRECHT, UWE, JENS

2)HELMBOLDT, HANNES

3)NIKOLAEV, VSEVOLOD, VALERIEVICH

(57) Abstract :

The present invention relates to a new polymorphic or crystalline form of Pemetrexed Disodium, processes for its preparation and its use, in particular for the preparation of medicaments.

No. of Pages : 77 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1262/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ADVANCED INTERCOOLING AND RECYCLING IN CO₂ ABSORPTION -

(51) International classification	:B01D 53/18
(31) Priority Document No	:12/625,051
(32) Priority Date	:24/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052604
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/066042
(61) Patent of Addition 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)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor :

1)BARATH BABURAO

2)CRAIG SCHUBERT

(57) Abstract :

The present invention relates processes of removal of acidic gases from a gas stream, comprising the steps of a) contacting a wash solution stream with said gas stream containing acidic gases to be removed to allow absorption of the acidic gases into the wash solution stream; b) withdrawing wash solution enriched with acidic gases from said wash solution stream at a first withdrawal level; c) cooling said withdrawn wash solution; and d) reintroducing said cooled wash solution to the wash solution stream at a first reintroduction level to form a mixed wash solution stream, said first reintroduction level being upstream of said first withdrawal level. The present invention also relates to systems for removal of acidic gases from a gas stream.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1214/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR MONITORING THE STATE OF A BOGIE OF A RAIL VEHICLE COMPRISING AT LEAST ONE WHEEL SET

(51) International classification	:B61F 9/00	(71) Name of Applicant :
(31) Priority Document No	:10 2009 053 801.1	1)KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH
(32) Priority Date	:18/11/2009	Address of Applicant :MOOSACHER STRASSE 80, 80809 MÜNCHEN GERMANY
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2010/067562	(72) Name of Inventor :
Filing Date	:16/11/2010	1)FRIESEN, ULF
(87) International Publication No	:WO 2011/061182	2)BURKHART, THOMAS
(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 monitoring the state of a bogie (3) of a railway vehicle comprising at least one wheel set (4), wherein the wheels (8) of the wheel set (4) are rigidly connected by means of an axle (6) and have an approximately conical wheel profile, and signals corresponding to a sinusoidal run of the wheel set (4) of the bogie (3) based on the conical wheel profile of the wheels (8) are filtered out of signals provided by sensors (10) disposed on the bogie. According to the invention, the frequency (f) of the sinusoidal run is determined relative to boundary conditions, such as the prevailing vehicle speed (v), and compared to a save value or range of values for the frequency (f) of the sinusoidal run typical for the prevailing boundary conditions, wherein the deviation of the measured frequency (f) from the saved value or range of values for said frequency (f) is monitored.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1215/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, AND INTEGRATED CIRCUIT

(51) International classification	:H04N 5/21
(31) Priority Document No	:2010-216394
(32) Priority Date	:28/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/005202
Filing Date	:15/09/2011
(87) International Publication No	:WO 2012/042771
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN

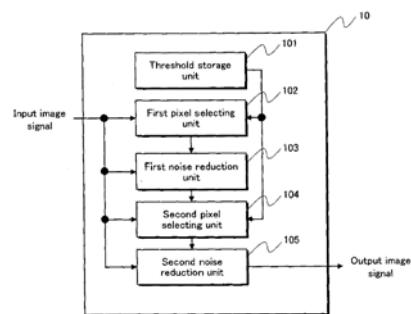
(72)Name of Inventor :

1)NAKAMURA, TSUYOSHI

2)TEZUKA, TADANORI

(57) Abstract :

Provided is an image processing device capable of performing appropriate noise reduction without causing blurring of edges and details of the image. The image processing device: specifies, on a normal distribution representing a noise model of the image, a reference range having a value of a target pixel as a median; computes, with respect to a local region that is an image region containing the target pixel, the number of pixels having a value falling within a first sub-range of the reference range and the number of pixels having a value falling within a second sub-range of the reference range, the first sub-range corresponding to larger values than the median and the second sub-range corresponding to smaller values than the median; corrects one of the first sub-range and the second sub-range so that one of the sub-ranges in which a fewer number of pixels are distributed than in the other sub-range is narrower relative to the other sub-range; determines a selection range that is composed of the one of the first sub-range and the second sub-range as corrected and the other one of the first sub-range and the second sub-range as is; and performs noise reduction on an image region subjected to noise reduction and at least containing the local region by using values falling within the selection range from among the values of the respective pixels contained in the target region.



No. of Pages : 73 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2012

(21) Application No.1216/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PIVOT PIN FOR FURNACE SIDE REMOVAL

(51) International classification	:F23D 1/00
(31) Priority Document No	:12/618,031
(32) Priority Date	:13/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052620
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/059627
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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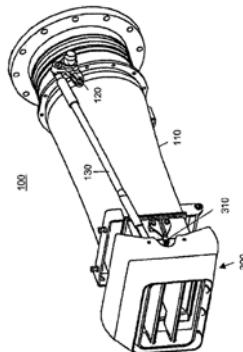
Address of Applicant :BROWN BOVERI STRASSE 7, 5400
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(72)Name of Inventor :

**1)CAMPANELLI, THOMAS, J.
2)BRIGGS, OLIVER, G., JR.
3)GRZEBIEN, KEVIN, T.
4)BARLOW, DENNIS, N.
5)SUTTON, JAMES, P.**

(57) Abstract :

Disclosed herein is a novel pivot pin assembly 410, 420 430, 600 for pivotally attaching nozzle tips 200 to stationary nozzles in a solid fuel furnace. The pivot pin assemblies allow rapid replacement of the nozzle tips 200. The pivot pin assembly 410, 420 430, 600 employs fasteners that are recessed or have an aerodynamically shaped head 610. The head 610 includes a leading edge 613 and optionally a trailing edge 615 that are aerodynamically shaped to reduce corrosion and erosion. The pivot pin assembly pivotally attaches the nozzle tip 200 to the stationary nozzle 110. It employs fasteners that are accessible from a furnace side through a central opening of the nozzle tip 200. This allows removal of the nozzle tip 200 from inside the furnace greatly simplifying nozzle tip 200 replacement.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1268/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DUAL INSERTION PLASTIC SHELL CONTAINER

(51) International classification	:B65D 83/04
(31) Priority Document No	:61/267,314
(32) Priority Date	:07/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/059181
Filing Date	:07/12/2010
(87) International Publication No	:WO 2011/071848
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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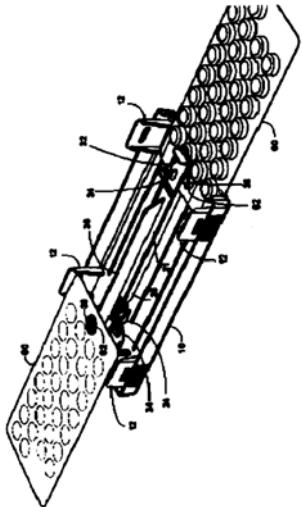
(72)Name of Inventor :

1)CALEB S. LOFTIN

2)JOHN A. GELARDI

(57) Abstract :

Disclosed is a container having an interior chamber and partial openings (40, 50) on either end. The container is characterized by top and bottom components (10,20) each having opposing ends, one open and one closed, and opposing sides. The top and bottom components further include locking posts (24), cut out slit areas, and tab receptacles adapted to secure an insert attachment component (30). The top component (10), the bottom component (20) and the insert attachment component are attached to one another to form a container having an interior chamber with an open portion on either end each capable of accepting a separate insert card (60) in a lockable manner.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1269/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SOLAR POWER GENERATOR MODULE

(51) International classification	:F24J 2/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/009147
Filing Date	:18/12/2009
(87) International Publication No	:WO 2011/072708
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MÜNCHEN GERMANY

(72)Name of Inventor :

1)PEEUSH KUMAR BISHNOI

2)GANAPATHI SUBBU SETHUVENKATRAMAN

(57) Abstract :

The invention relates to a solar power generator module, comprising a first type of photovoltaic cell (3), a second type of photovoltaic cell (5), the second type of photovoltaic cell (5) being different from the first type of photovoltaic cell (3), and an optical means (11) adapted to concentrate light onto the first type of photovoltaic cell (3) and to transmit diffused light to the second type of photovoltaic cell (5).

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1270/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE FOR DETERMINING THE ANGULAR POSITION OF A PIVOTABLE COMPRESSOR GUIDE VANE

(51) International classification	:F01D 17/16	(71) Name of Applicant :
(31) Priority Document No	:09015520.1	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:15/12/2009	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MÜNCHEN, GERMANY
(86) International Application No	:PCT/EP2010/069579	(72) Name of Inventor :
Filing Date	:14/12/2010	1)NIEDERBREMER, FABIAN
(87) International Publication No	:WO 2011/073168	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device (35) for determining the angular position of a compressor guide vane (19) pivotable about the longitudinal axis (23) thereof disposed in a compressor (5), associated with a synchronously rotating, flat measuring surface (31). In order to allow particularly reliable, simple, and nearly error-free detection of the angular positions by means of a robust device, the angular position of the compressor guide vane (19) rotatable about the longitudinal axis thereof is semi-automatically determined by means of the device (35). To this end, said device comprises at least one mounting unit (41) for temporarily fastening the device (35) in alignment on the compressor (5), and a measuring unit comprising an angle measuring device (57) having a rotary plate (63) rotatable about a rotary axis (61), on which rotary plate (63) a vertically protruding measuring arm (65) extending parallel to the rotary axis (61) is provided for making planar contact, via the free end thereof, with the measuring surface (31).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1271/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SUSTAINED-RELEASE FORMULATION

(51) International classification	:A61K 9/16
(31) Priority Document No	:2009-290364
(32) Priority Date	:22/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/073665
Filing Date	:21/12/2010
(87) International Publication No	:WO 2011/078394
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TOMOMICHI FUTO

2)HIKARU TAIRA

3)SEITARO MIZUKAMI

4)NAOYUKI MURATA

(57) Abstract :

The present invention relates to a sustained-release formulation comprising a metastin derivative and a lactic acid-glycolic acid copolymer having a weight average molecular weight of about 5,000 to about 40,000 or a salt thereof. The sustained-release formulation of the present invention slowly and stably release compound (I) or a salt thereof for a long time and exerts a medicinal effect of compound (I) or a salt thereof for a long time. Furthermore, the sustained- release formulation of the present invention, which improves patients convenience by reducing the number of administration times, is an excellent formulation as a clinical medicine.

No. of Pages : 56 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2012

(21) Application No.1272/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PLUG-IN MODULE FOR CONTROLLERS OF MOBILE WORKING MACHINES

(51) International classification	:H05K 7/14
(31) Priority Document No	:20 2009 014 865.3
(32) Priority Date	:16/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/IB2010/055814
Filing Date	:14/12/2010
(87) International Publication No	:WO 2011/073909
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)HERKENRATH, PETER

2)LENZING, MARKUS

3)RÜSCHKAMP, HENNER

4)WEBELMANN, JOHANNES

(57) Abstract :

The invention relates to plug-in modules for controllers of mobile working machines, having a housing (11), a connection plug (17), electronics boards (21, 22, 23) and at least one plug socket (25) for connecting actuators or sensors. In order to provide a plug-in module, being usable in onboard controllers of a mobile working machine and being also suitable for use with a wide variety of actuators or sensors, according to the invention, the housing (11) consists of a box with a front, rear and side walls (12, 13, 14) as well as a base plate (15) comprising a cutout (16) for the connection plug (17), and in that the electronics boards are forming a board box (24) by connecting two end boards (21, 23) and two side boards (22), with the board box (24) being arranged in the interior (19) of the housing (11), and with the plug socket (25) being mechanically coupled to the housing (11) by means of a strain-relief clip (30).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/05/2012

(21) Application No.1224/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DEVICE AND METHOD FOR CALIBRATING FILM TUBING

(51) International classification	:B29C 47/90
(31) Priority Document No	:102009046587.1
(32) Priority Date	:10/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/067237
Filing Date	:10/11/2010
(87) International Publication No	:WO 2011/058072
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WINDMÖLLER & HÖLSCHER KG

Address of Applicant :MÜNSTERSTRASSE 50, D-49525
LENGERICH, GERMANY

(72)Name of Inventor :

1)RÜBBELKE, INGO

2)BERGMANN, TILL

(57) Abstract :

The invention relates to a device for calibrating film tubing that can be extruded by means of a film blowing die. A feature thereof is a ring, wherein the extruded film tubing can be guided along the inner wall thereof, and a coolant supply device, by means of which a coolant can be provided and fed between the inner wall and the film tubing. Said ring comprises at least one open chamber in the outlet region of the film tubing out of the ring, wherein the at least one opening of the chamber faces the film tubing and is closed by at least one fluidpermeable web part. The chamber can be acted upon by negative pressure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1300/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANTIFUNGAL MIXTURE WITH FUNGAL ORGANISM PYTHIUM OLIGANDRUM

(51) International classification	:A01N 63/04
(31) Priority Document No	:PV 2009-724
(32) Priority Date	:04/11/2009
(33) Name of priority country	:Czech Republic
(86) International Application No	:PCT/CZ2009/000154
Filing Date	:14/12/2009
(87) International Publication No	:WO 2011/054322
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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CZECH REPUBLIC Czech Republic

(72)Name of Inventor :

**1)SUCHÁNEK, MARTIN
2)KLIMEĀ , RADIM**

(57) Abstract :

The antifungal mixture is designed for fighting human diseases and animal diseases of fungal, bacterial or other origin and for violation of bio-films on heterogeneous materials used both in human and veterinary medicine and for elimination of microflora from various objects coming in contact with humans or animals. The antifungal mixture uses the active component of the fungal organism Pythium oligandrum in the mixture with inert components; the said antifungal mixture contains 0.001 to 25 weight portions of the fungal organism Pythium oligandrum and 75 to 99.999 weight portions of inert components. The activity of the fungal organism Pythium oligandrum in the mixture arises at the moment when this organism gets in touch with humidity.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1301/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING A CUSTOMIZED ORTHODONTIC APPLIANCE, AND APPLIANCE THUS PRODUCED

(51) International classification	:A61C 7/12	(71) Name of Applicant :
(31) Priority Document No	:0958348	1)H 32
(32) Priority Date	:25/11/2009	Address of Applicant :51, BOULEVARD BESSI`RES F-75017 PARIS FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/052506	1)CURIEL, PATRICK
Filing Date	:24/11/2010	2)AYACHE, WILLIAM
(87) International Publication No	:WO 2011/067510	3)SALAH, PHILIPPE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method of producing a customized orthodontic appliance for treating a patient, said appliance comprising at least one orthodontic arch for treatment purposes and a plurality of elements each comprising a bracket provided with at least one slot in which said orthodontic arch can be inserted, each bracket being intended to be placed on a base intended to be placed on a posterior face of a tooth, said method anticipating numerical design of said bases individually after having formed a model representing, in the corrected position, the dental arch and the faces of the teeth to which said bases are to be fixed, characterized in that: at least some of said bases are numerically designed and manufactured using rapid prototyping; a mass-produced bracket is fixed to each of said bases; and a bent orthodontic arch is numerically designed and manufactured shaping it specially so that after it has been inserted in the slots of said brackets it follows the curvature of the dental arch in the corrected position. Appliance produced according to the above method.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1309/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VIRTUAL FLOW PIPELINING PROCESSING ARCHITECTURE

(51) International classification	:G06F 9/38
(31) Priority Document No	:61/256,955
(32) Priority Date	:31/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054897
Filing Date	:30/10/2010
(87) International Publication No	:WO 2011/053891
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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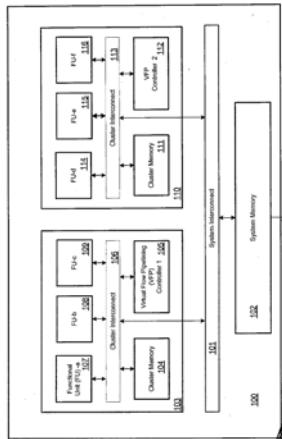
2)MILJANIC, ZORAN

(72)Name of Inventor :

1)MILJANIC, ZORAN

(57) Abstract :

A computer system for embodying a virtual flow pipeline programmable processing architecture for a plurality of wireless protocol applications is disclosed. The computer system includes a plurality of functional units for executing a plurality of tasks, a synchronous task queue and a plurality of asynchronous task queues for linking the plurality of tasks to be executed by the functional units in a priority order, and a virtual flow pipeline controller. The virtual flow pipeline controller includes a processing engine for processing a plurality of commands; a scheduler, communicatively coupled to the processing engine, for selecting a next task for processing at run time for each of the plurality of functional units; a processing engine controller, communicatively coupled to the processing engine, for providing commands and arguments to the processing engine and monitoring command completion; and a task flow manager, communicatively coupled to the processing engine controller, for activating the next task for processing. Also disclosed is a computer-implemented method for executing a plurality of wireless protocol applications embodying a virtual flow pipeline programmable processing architecture in a computer system.



No. of Pages : 29 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1311/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : BURNER NOZZLE

(51) International classification	:F23D 11/34
(31) Priority Document No	:A 1728/2009
(32) Priority Date	:02/11/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000406
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/050377
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1) CTP-DUMAG GMBH

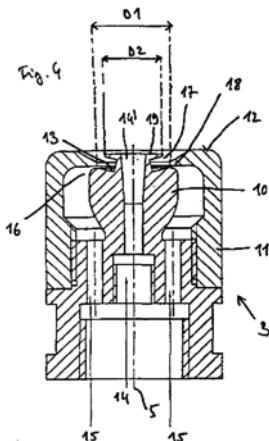
Address of Applicant :AM KANAL 8-10, A-2362
GUMPOLDSKIRCHEN AUSTRIA

(72)Name of Inventor :

1) HABERFELNER, HEINZ

(57) Abstract :

The invention relates to a burner nozzle (3), comprising a first channel (14) for combustible fluid, an outlet opening (14) for the combustible fluid, a second channel (15) for an atomizing medium, and an outlet opening (17) for the atomizing medium, in the vicinity of which a Hartmann generator is arranged. Pure oxygen is used as the atomizing medium. The outside diameter (D2) of the plate (19) of the Hartmann generator is dimensioned such that the exit speed of the pure oxygen from the nozzle (3) is so great that the maximum usage temperature of the material of the nozzle and/or of the Hartmann generator is not exceeded in the area of the housing (11) of the nozzle (3). A result is that the mixing and combustion of oxygen and combustible fluid take place at such a distance from the burner nozzle (3) that the burner nozzle (3) is not damaged by the high flame temperature.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1312/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : AGENTS FOR INERTING CLAYS IN HYDRAULIC COMPOSITIONS

(51) International classification	:C04B 28/02
(31) Priority Document No	:09 58511
(32) Priority Date	:30/11/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052576
Filing Date	:30/11/2010
(87) International Publication No	:WO 2011/064518
(61) Patent of Addition 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 PLACE DE LA RÉSISTANCE, F-92440 ISSY LES MOULINEAUX FRANCE

(72)Name of Inventor :

1)LEISING, FRÉDÉRIC

(57) Abstract :

The invention relates to: - a method for inerting clays in a hydraulic composition comprising one step consisting of putting a hydraulic composition or a constituent of a hydraulic composition in contact with a compound of the following formula (1): R-COO-, (Mn+) $_{1/n}$ (I), a hydraulic composition comprising said compound of formula (I), - a method for preparing said hydraulic composition, - a pretreated granulate which may be obtained by mixing a granulate with said compound of formula (I), an additive for inerting clay comprising a superplasticizer and said compound of formula (I), and the use of said compound of formula (I) for inerting the clays of hydraulic compositions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1534/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METALLIC GASKET WITH NON-EXHAUST GAS RESISTANT INSERT

(51) International classification	:F16J 15/12
(31) Priority Document No	:10 2010 001 660.8
(32) Priority Date	:08/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065415
Filing Date	:14/10/2010
(87) International Publication No	:WO 2011/095236
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GADOMSKI, BARTOSZ
2)KLINNER, MANFRED

(57) Abstract :

The invention provides a gasket for sealing off between two components of the exhaust line of a combustion engine, comprising an upper spring-elastic metal layer, a lower spring-elastic metal layer and an insert which is arranged between the upper and the lower metal layer, wherein the gasket comprises at least one through-opening, the upper and the lower layer on the sealing surface each comprising at least one bead, which encloses the at least one though- opening, and the upper and the lower metal layer in the region adjoining the at least one through-opening being positively or materially interconnected.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1536/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ANTI-CLUSTERIN ANTIBODIES AND ANTIGEN BINDING FRAGMENTS AND THEIR USE TO REDUCE TUMOR VOLUME

(51) International classification	:C07K 16/18	(71) Name of Applicant :
(31) Priority Document No	:61/263,865	1)ALETHIA BIOTHERAPEUTICS INC.
(32) Priority Date	:24/11/2009	Address of Applicant :141 AVENUE PRÉSIDENT-KENNEDY, SUITE SB-5100, MONTRÉAL, QUÉBEC H2X 1Y4 CANADA
(33) Name of priority country	:U.S.A.	2)NATIONAL RESEARCH COUNCIL OF CANADA
(86) International Application No	:PCT/CA2010/001882	(72) Name of Inventor :
Filing Date	:24/11/2010	1)TREMBLAY, GILLES BERNARD
(87) International Publication No	:WO 2011/063523	2)FILION, MARIO
(61) Patent of Addition to Application Number	:NA	3)SULEA, TRAIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel antibodies and antigen binding fragments that specifically bind to clusterin are described. In some embodiments, the antibodies block the biological activity of clusterin and are useful in composition in certain cancers, more particularly in cancers, such as endometrial carcinoma, breast carcinoma, hepatocellular carcinoma, prostate carcinoma, a renal cell carcinoma, ovarian carcinoma, pancreatic carcinoma, and colorectal carcinoma. The invention also relates to cells expressing the humanized or hybrid antibodies. Additionally, methods of detecting and treating cancer using the antibodies and fragments are also disclosed.

No. of Pages : 107 No. of Claims : 111

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1545/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING SILICON SUBSTRATES

(51) International classification	:H01L 21/00
(31) Priority Document No	:10 2009 060 931.8
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/070651
Filing Date	:23/12/2010
(87) International Publication No	:WO 2011/076920
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HABERMANN, DIRK

2)SCHOCH, MARTIN

3)IZAARYENE, MAHER

4)STEIN, FRIEDHELM

(57) Abstract :

In a method for processing monocrystalline silicon wafers, which are transported while lying flat along a horizontal transport path, etching solution for texturing the surface is applied from above by means of nozzles or the like. The etching solution is applied from above several times in succession onto the upper side of the silicon substrates, remains there and reacts with the silicon substrate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1263/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MULTIPLE-PRIMARY-COLOR DISPLAY DEVICE

(51) International classification	:G09G 5/02
(31) Priority Document No	:2009-269319
(32) Priority Date	:26/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/070822
Filing Date	:22/11/2010
(87) International Publication No	:WO 2011/065332
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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OSAKA-SHI, OSAKA 545-8522 JAPAN

(72)Name of Inventor :

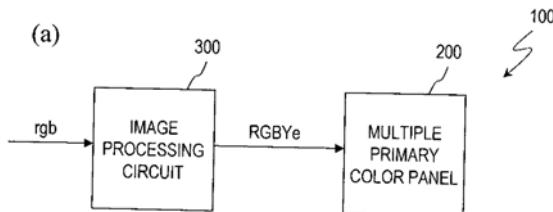
1)KAZUNARI TOMIZAWA

2)YUICHI YOSHIDA

3)AKIKO SATO

(57) Abstract :

A multiple primary color display device according to the present invention includes a pixel defined by a plurality of sub pixels. The plurality of sub pixels include a first sub pixel to display a first color having a first hue, a second sub pixel to display a second color having a second hue, a third sub pixel to display a third color having a third hue, and a fourth sub pixel to display a fourth color having a fourth hue. When a color represented by the input signal is changed from black to white via a color of a prescribed hue, luminance levels of the plurality of sub pixels are set such that the luminance level of each of the first sub pixel, the second sub pixel and the third sub pixel is started to be increased without increasing the luminance level of the fourth sub pixel and such that the luminance level of the third sub pixel is increased at a lower rate than that of the luminance level of each of the first sub pixel and the second sub pixel.



No. of Pages : 112 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2012

(21) Application No.1264/KOLNP/2012 A

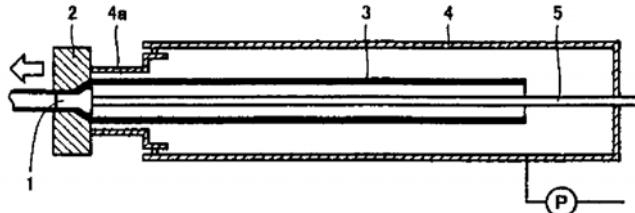
(43) Publication Date : 25/01/2013

(54) Title of the invention : BLANK TUBE FOR COLD DRAWING AND METHOD FOR PRODUCING THE SAME, AND METHOD FOR PRODUCING COLD DRAWN TUBE

(51) International classification	:B21C 9/00	(71) Name of Applicant :
(31) Priority Document No	:2009-289604	1)SUMITOMO METAL INDUSTRIES, LTD.
(32) Priority Date	:21/12/2009	Address of Applicant :5-33, KITAHAMA 4-CHOME CHUO-KU, OSAKA-SHI OSAKA 541-0041 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/007129	1)TOYODA, MASATOSHI
Filing Date	:08/12/2010	2)MATSUMOTO, KEISHI
(87) International Publication No	:WO 2011/077650	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a blank tube for cold drawing which is used for the production of a longer-length, small-diameter tube such as a heat-transfer tube for as steam generator in nuclear power facilities, in which the blank tube will not cause scoring and chattering vibration in a drawing process; and a method for producing the blank tube; as well as a method for producing a cold drawn tube which is obtained through cold drawing of the blank tube. The average surface roughness Ra (ANSI B46.1) of the inner surface of blank tube before drawing satisfies the condition: $0.10 \mu\text{m} \leq \text{Ra} \leq 1.00 \mu\text{m}$ in the case of a blank tube for cold drawing for use in an oil-lubricated drawing. In particular, the surface roughness Ra satisfies the condition: $0.10 \mu\text{m} \leq \text{Ra} \leq 0.50 \mu\text{m}$ in the case of a blank tube for use in a high-pressure lubrication drawing, and which is made of an austenitic alloy for use in a heat-transfer tube for a steam generator.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1313/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : OUTLET FOR A WASHING INSTALLATION

(51) International classification	:B05B 1/18
(31) Priority Document No	:61/258,633
(32) Priority Date	:06/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CH2010/000277 :04/11/2010
(87) International Publication No	:WO 2011/054121
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ROBERT BOSCH GMBH

(72)Name of Inventor :

1)VAUCHER, VINCENT

2)TSCHANTRÉ, ALFRED

3)KLOPFENSTEIN, ANDRÉ

4)WIDMER, HEINZ

5)MOULIN, BLAISE

6)HIRNIAK, ANDREW

7)SANTOS, SÉRGIO MIGUEL VALE

**8)CORTE REAL, JOSÉDIOGO DOMINGUES DOS
SANTOS**

(57) Abstract :

An outlet (I) for a washing installation, the washing installation comprising a shower head (3) or a water tap, the outlet (1) comprising at least one atomiser (10) for generating an initial spray (13) of atomised water or a water-based mixture. The initial spray (13) flows through and is guided by an inner wall (15) of an inner spray shaper (14) and an inner wall (17) of a outer spray shaper (16), the outer spray shaper (16) being movable with respect to the inner spray shaper (14) along a common axis of the inner spray shaper (14) and the outer spray shaper (16).

No. of Pages : 51 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2012

(21) Application No.1314/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR PRODUCING HEXACHLORODISILANE

(51) International classification	:C01B 33/107
(31) Priority Document No	:102009056438.1
(32) Priority Date	:02/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/068728
Filing Date	:02/12/2010
(87) International Publication No	:WO 2011/067331
(61) Patent of Addition 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)CHRISTIAN BAUCH

3)SVEN HOLL

4)RUMEN DELTSCHEW

5)JAVAD MOHSSENI

6)GERD LIPPOLD

7)THORALF GEBEL

(57) Abstract :

The invention relates to a method for producing hexachlorodisilane. Hexachlorodisilane is obtained by the oxidative splitting of the chlorinated polysilane of the empirical formula SiCl_x (x = 0,2- 0,8) using chlorine gas. As a result the hexachlorodisilane is selectively obtained with a high yield.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1549/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : EXTENSION SOCKET WITH CORD STORAGE AND DISPENSING SYSTEM

(51) International classification	:H01R 13/66
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/MY2009/000199
Filing Date	:25/11/2009
(87) International Publication No	:WO 2010/041925
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)YAP, WANG HAN

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NEGERI SEMBILAN, (MY) Malaysia

(72)Name of Inventor :

1)YAP, WANG HAN

(57) Abstract :

The invention relates to an extension socket (8) with cord storage and dispensing system. The extension socket (8) comprises a housing (9) with an upper housing (10) and a lower housing (20), a set of wiring and contact mechanisms (not shown) in the working enclosure of the lower housing (20) by which the pins of a plug make electrical contacts with the wiring and contact mechanisms of the socket unit (18), an electrical plug (50) and a cable cord (40) having a predetermined length connecting the wiring and contact mechanisms within the housing (9) of the extension socket (8) to the electrical plug (50), wherein when the upper housing (10) and the lower housing (20) are coupled and fastened together, a receiving track (30) of predetermined width is formed between the walls (12, 13) of the upper housing (10) and the intermediate wall (22) of the lower housing (20) for storage of cable cord (40); wherein the upper housing (10) has at least one outlet port (36, 37) to enable the cable cord (40) to be dispensed out from the receiving track (30) from the outlet port (36, 37) and wherein the bottom plate (21) of the lower housing (20) has a plurality of spaced apart projecting blocks (33) extending outward from the back of the bottom plate (21) with a passage (38 Fig. 4) of predetermined width defined between any two adjacent projecting blocks (33) to receive passage of the cable cord (40) between the projecting blocks (33) for finer adjustment of the length of the cable cord (40) to be dispensed out through the outlet port (36, 37). Retainer means (32) may be included to hold the cable cord in place in the receiving track and/or the passage (38) between two adjacent projecting blocks (33).

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2012

(21) Application No.1249/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING INGOT STEEL FOR BEARINGS AND BEARING STEEL

(51) International classification	:C22C 38/00
(31) Priority Document No	:2009-272906
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071779
Filing Date	:30/11/2010
(87) International Publication No	:WO 2011/065593
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

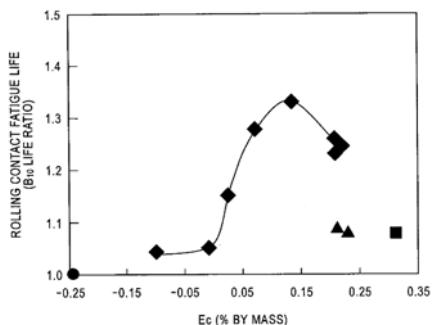
1)MINORU HONJO

2)KAZUKUNI HASE

3)HIDETO KIMURA

(57) Abstract :

An ingot steel for bearings has a composition containing C: 0.56% by mass or more and 0.70% by mass or less, Si: 0.15% by mass or more and less than 0.50% by mass, Mn: 0.60% by mass or more and 1.50% by mass or less, Cr: 0.50% by mass or more and 1.10% by mass or less, P: 0.025% by mass or less, S: 0.025% by mass or less, Al: 0.005% by mass or more and 0.500% by mass or less, O: 0.0015% by mass or less, N: 0.0030% by mass or more and 0.015% by mass or less, and a remainder of Fe and incidental impurities, wherein eutectic carbide formation index Ec satisfies $0 < Ec \leq 0.25$. This can decrease the formation of eutectic carbide in a segregation zone.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1537/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SEALING DEVICE AND CORRESPONDING ASSEMBLY

(51) International classification	:G05F 1/10
(31) Priority Document No	:09 59595
(32) Priority Date	:24/12/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/052847
Filing Date	:21/12/2010
(87) International Publication No	:WO 2011/077033
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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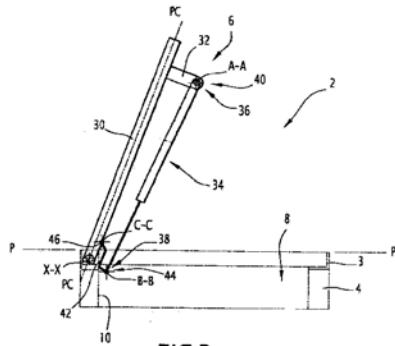
(72)Name of Inventor :

1)ROYER, JEAN-CLAUDE

2)ROTHARMEL, VINCENT

(57) Abstract :

The invention relates to a sealing device which includes: a base body (30) suitable for sealing an opening (8), movable between an open position and a closed position; a thrust element (34) having first (36) and second (38) ends, and a tight configuration and a slack configuration, the first end (36) of the thrust element being connected to the base body (30). The sealing device also includes a linking element (42) connected to the base body (30) and connected to the second end (38) of the thrust element. The sealing device includes a bearing member (50). The linking element (42) allows the thrust element to change from the tight configuration to the slack configuration and vice-versa.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2012

(21) Application No.1584/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MACHINING TOOL

(51) International classification	:B23C 5/04
(31) Priority Document No	:10000837.4
(32) Priority Date	:28/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/000334
Filing Date	:26/01/2011
(87) International Publication No	:WO 2011/092000
(61) Patent of Addition 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 :WILLI-LEDERMANN-STRASSE 1,
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(72)Name of Inventor :

1)DRESSLER, MARTIN

(57) Abstract :

The invention relates to a machining tool (14) for machining materials by removing material, in particular for wood or wood-like materials, metals, plastics and/or composite materials. The machining tool is provided to be driven in rotation about an axis of rotation (1) and comprises at least one row (17, 18, 19) of individual cutters (2, 2) arranged in the peripheral direction and having cutting edges (3, 3) which at least partly overlap. The cutting edges (3, 3) have a rake angle and are located at an axial angle (λ) in relation to the axis of rotation (1). The axial angle (λ) lies in a range from 55° to $< 90^\circ$ inclusive. The rake angle is $> 55^\circ$.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2012

(21) Application No.1585/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : INTRINSICALLY SAFE CONNECTION UNIT WITH A NETWORK INTERFACE, INTRINSICALLY SAFE APPLIANCE AND NETWORK INTERFACE FOR IT

(51) International classification	:E21F 17/04	(71) Name of Applicant :
(31) Priority Document No	:20 2010 000 110.2	1)CATERPILLAR GLOBAL MINING EUROPE GMBH
(32) Priority Date	:01/02/2010	Address of Applicant :INDUSTRIESTRADE 1 D-44534
(33) Name of priority country	:Germany	LÜNEN GERMANY
(86) International Application No	:PCT/IB2011/050376	(72) Name of Inventor :
Filing Date	:28/01/2011	1)HERMANN, HELMUT
(87) International Publication No	:WO 2011/092651	2)LENZING, MARKUS
(61) Patent of Addition to Application Number	:NA	3)SCHWINNE, KARSTEN
Filing Date	:NA	4)WE ELMANN, JOHANNES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Intrinsically safe connection unit with a network interface for intrinsically safe appliances in explosion-risk areas, having a housing 14, a voltage supply connection 12, plug connection 11 for connecting an intrinsically safe appliance via a transmission cable, and a decoupling circuit. For allowing even a multiplicity of network subscribers to be connected in the explosion-risk area with less wiring complexity, a plurality of plug connections 11A, 11B of the same type are provided as network interface, each being preceded by a separate decoupling circuit, and the voltage supply connection 12 builds a central feed connection with separate supply cores 13A, 13B, 13C for each plug connection 11A, 11B, 11C, each having at least two plug contacts 21 for data communication and at least two plug contacts 22 for supplying power to the connectable appliances via the transmission cable. The invention relates also to a Controller and a network interface for use therewith.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1302/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ODORANTS WITH ANISIC NOTES

(51) International classification	:C11B 9/00
(31) Priority Document No	:09174727.9
(32) Priority Date	:02/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/054352
Filing Date	:28/09/2010
(87) International Publication No	:WO 2011/051834
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MORETTI, ROBERT

(57) Abstract :

The present invention concerns the use as perfuming ingredients of para- substituted derivatives of α -methyl cinnamic alcohol of formula (I) in the form of any one of its stereoisomers or a mixture thereof, and wherein R represents a hydrogen atom, a C1-4 alkyl or alkenyl group or a formyl or acetyl group; R1 represents a hydrogen atom or a methyl group; R2 represents a methyl, ethyl or methoxy group; and R3 represents a CH₂ group or a carbon-carbon double bond. The present invention concerns the use of said compound in the perfumery industry as well as the compositions or articles containing said compound.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2012

(21) Application No.1303/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MIXED TURF AND METHOD FOR ITS PRODUCTION

(51) International classification	:E01C 13/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2009/007271
Filing Date	:30/10/2009
(87) International Publication No	:WO 2011/051744
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)VOLTERRANI, MARCO

(72)**Name of Inventor :**

1)NUSCA, ROBERTO

2)VOLTERRANI, MARCO

(57) Abstract :

Turf (1) for sports, recreational activities and/or for ornamental purposes comprising a mat of flexible material (10) equipped with a first face (11) and a second face (12) opposite to each other. To the mat (10) a plurality of fibres (20; are connected of an artificial material in such a way that it forms an artificial turf (50) that protrudes from the first face (11). The turf (1) comprises, furthermore, a measured amount of a loose infill material (50), for example of granular type, distributed on the face (11) of the mat (10). The turf (1) comprises, furthermore, natural vegetable material, ie. plants, belonging to one, or more plant species (30) put in the loose infill material (50) by means of sowing, transplantation of portions of plants, or a combination of the two solutions. The fibres of artificial material (20) have a profiled shape comprising a main blade (21) and at least one side wing (22). More precisely, the side wing (22) has a curved profile suitable for forming a channel (25) arranged substantially parallel to the main blade (21) in order to form a channel that is substantially parallel to said main blade, so that the profile of the channel partially or completely encircles the spaces that are occupied by water, roots and loose infill material, creating a water reserve for roots.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1540/KOLNP/2012 A

(43) Publication Date : 25/01/2013

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

(51) International classification	:G03F 7/22
(31) Priority Document No	:2009-292462
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/007380
Filing Date	:20/12/2010
(87) International Publication No	:WO 2011/077697
(61) Patent of Addition to Application Number	:NA
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)KAORU HATTA

(57) Abstract :

An exposure method and an exposure device are provided. In the present invention, a photomask 102 and a substrate 202 having a resist applied thereto are positioned so as to be opposed to a blinking light source that repeatedly emits light and emits no light. The blinking light source is caused to blink with the substrate 202 being continuously conveyed in a direction orthogonal to a direction in which openings 112 in the photomask 102 are aligned, so that multiple exposures are intermittently performed. In each exposure, a speed at which the substrate 202 is conveyed is controlled such that the openings 112 of the photomask 102 overlap a portion of exposed patterns 122 having been obtained by an immediately preceding exposure, thereby obtaining colored layers 802 which are formed into a striped-shape and extend in the direction in which the substrate 202 is conveyed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.1593/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SURFACE SENSOR

(51) International classification	:G06K 9/00
(31) Priority Document No	:2009 3601
(32) Priority Date	:29/12/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/EP2010/070787
Filing Date	:28/12/2010
(87) International Publication No	:WO 2011/080262
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SLØGEDAL, ØYVIND

2)BREDHOLT, GEIR IVAR

3)CHRISTIE, NICOLAI W.

4)NATÅS, ANDERS

5)BERNSTEIN, RALPH W.

(57) Abstract :

The invention relates to a sensor for detection of properties and structures of an organic tissue and its surface, e.g. a fingerprint sensor comprising a chosen number of sensor electrodes at chosen positions for coupling to a finger tissue and its surface having a size less or comparable to the size of the structures, characteristics or properties of the finger tissue or surface, and a processing unit including electronic circuitry connected to said electrodes for detection of the voltage at, or the current flow in the electrodes, thereby providing for detection and collection of information of related capacitance, impedance, electromagnetic field, fingerprint, tissue aliveness or other biometric, physical, physiological, thermal or optical or characteristics or properties of the tissue or its surface positioned over the electrodes, the processing unit being mounted on one side of a substrate and the electrodes being embedded in said substrate, the substrate including through going first, second and third conductive paths between said sensor electrodes and said measurement circuitry. The substrate is made from a polymer material such as Polyimide, implemented as a rigid or a flexible multi layer build-up substrate, said first, second, and third conductive paths are constituted by through going substrate sections of a chosen size and material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.1594/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : IRRIGATION PIPE

(51) International classification	:B29C47/02
(31) Priority Document No	:11/783,608
(32) Priority Date	:10/04/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2008/000271
Filing Date	:03/03/2008
(87) International Publication No	: WO/2008/122972
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3515/KOLNP/2009
Filed on	:08/10/2009

(71)Name of Applicant :

1)NETAFIM LTD.

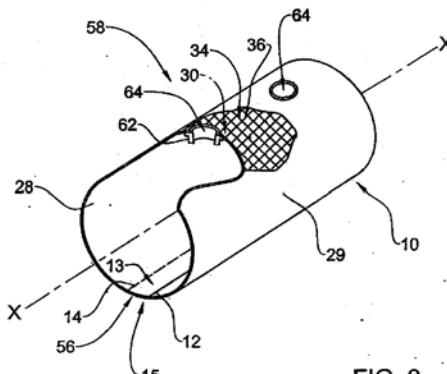
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(72)Name of Inventor :

1)MASARWA, ABED

(57) Abstract :

An irrigation pipe (58) formed from a sheet that is rolled into a tube about a longitudinal axis of the sheet. The pipe has a watertight layer and a fabric layer (30). The fabric layer comprises a first fiber arrangement including first main fibres (34) having a first orientation and a second fiber arrangement including second main fibers (36) having a second orientation. The first and second orientations are transverse relative to each other and to the longitudinal axis when viewed in the sheet before it is rolled.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.841/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MODULAR STRUCTURE FOR SUPPORTING BLANKS

(51) International classification	:B23B 31/107
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000409
Filing Date	:11/09/2009
(87) International Publication No	:WO 2011/030361
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FCS SYSTEM SRL

Address of Applicant :VIA BELVEDERE, 48, I-31032
CASALE SUL SILE, ITALY

(72)Name of Inventor :

1)CANUTO, ALMERINO

(57) Abstract :

A modular structure, particularly for supporting blanks and the like, which comprises at least one flat plate provided with a plurality of seats for interconnection between the plate and a blank or the like by means of at least one anchoring element, which comprises a first part, which can be associated detachably with the plate, and a second part, which is provided with first fixing means for the detachable connection of the anchoring element to a recess of the blank. The first fixing means comprise, in particular, fingers which can be inserted in the recess and protrude from the anchoring element along substantially one direction and can move transversely with respect to the direction for their engagement with the lateral surfaces of the recess.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.842/KOLNP/2012 A

(43) Publication Date : 25/01/2013

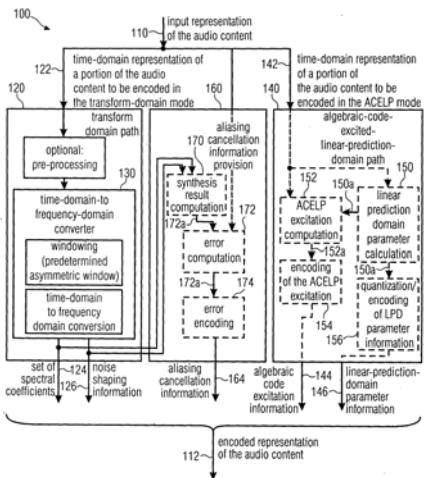
(54) Title of the invention : AUDIO SIGNAL ENCODER, AUDIO SIGNAL DECODER, METHOD FOR PROVIDING AN ENCODED REPRESENTATION OF AN AUDIO CONTENT, METHOD FOR PROVIDING A DECODED REPRESENTATION OF AN AUDIO CONTENT AND COMPUTER PROGRAM FOR USE IN LOW DELAY APPLICATIONS

(51) International classification	:G10L 19/02
(31) Priority Document No	:61/253,450
(32) Priority Date	:20/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2010/065753 :19/10/2010
(87) International Publication No	:WO 2011/048118
(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)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
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MUNICH, GERMANY
(72) Name of Inventor :
1)GEIGER, RALF
2)SCHNELL, MARKUS
3)LECOMTE, JÉRÉMIE
4)SCHMIDT, KONSTANTIN
5)FUCHS, GUILLAUME
6)RETTELBACH, NIKOLAUS

(57) Abstract :

An audio signal encoder (100) comprises a transform-domain path (12) configured to obtain a set of spectral coefficients (124) and noise-shaping information (126) on the basis of a time-domain representation (122) of a portion of the audio content to be encoded in a transform-domain mode. The transform-domain path comprises a time-domain-to-frequency-domain converter (130) configured to window a time-domain representation of the audio content, or a pre-processed version thereof, to obtain a windowed representation of the audio content, and to apply a time-domain-to-frequency-domain conversion, to derive a set of spectral coefficients from the windowed time-domain representation of the audio content. The audio signal decoder comprises a CELP path (140) configured to obtain an code-excitation information (144) and a linear-prediction-domain parameter information (146) on the basis of a portion of the audio content to be encoded in a CELP mode. The time-domain-to-frequency-domain converter (136) is configured to apply a predetermined asymmetric analysis window (520) for a windowing of a current portion of the audio content to be encoded in the transform-domain mode and following a portion of the audio content encoded in the transform-domain mode both if the current portion of the audio content is followed by a subsequent portion of the audio content to be encoded in the transform-domain mode and if the current portion of the audio content is followed by a subsequent portion of the audio content to be encoded in the CELP mode. The audio signal encoder is configured to selectively provide an aliasing cancellation information (164) if the current portion of the audio content is followed by a subsequent portion of the audio content to be encoded in the CELP mode.



No. of Pages : 109 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1552/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FILTER ELEMENT AND PRODUCTION METHOD

(51) International classification	:B01D 46/10
(31) Priority Document No	:10 2009 060 214.3
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/069336
Filing Date	:10/12/2010
(87) International Publication No	:WO 2011/076586
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MAHLE INTERNATIONAL GMBH

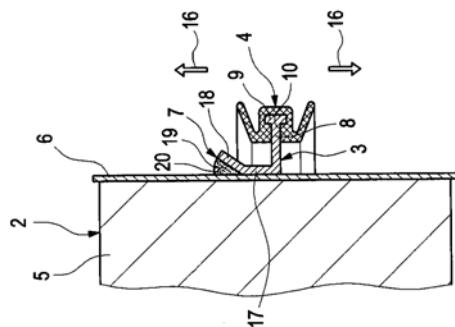
Address of Applicant :PRAGSTRASSE 26-46, 70376
STUTTGART, GERMANY

(72)Name of Inventor :

1)WAIBEL, HANS

(57) Abstract :

The invention relates to a filter element (1), in particular for filtering gases, comprising a filter medium (2), a support frame (3), which laterally surrounds the entire filter medium (2) in a sealing manner, and a seal (4), which is arranged on the support frame (3) and laterally surrounds the entire filter medium (2). Simplified adaptability to different installation situations is attained if the support frame (3) is a separately produced component with respect to the filter medium (2) and is attached to the filter medium (2).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2012

(21) Application No.1553/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : VEHICLE TRANSMISSION OIL SEAL

(51) International classification	:F16J 15/32
(31) Priority Document No	:2010-051023
(32) Priority Date	:08/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/055116
Filing Date	:04/03/2011
(87) International Publication No	:WO 2011/111631
(61) 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,
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2)DAIKIN INDUSTRIES, LTD.

(72)Name of Inventor :

1)HIDETAKA OGISHI

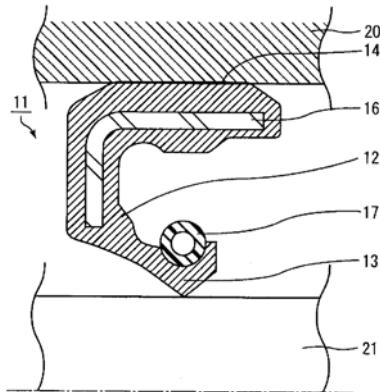
2)TETSUYA MIZONE

3)KOUHEI TAKEMURA

4)TOMIHIKO YANAGIGUCHI

(57) Abstract :

The present invention provides a vehicle transmission having excellent sliding properties over the entire speed range of engines from a low speed range to a high speed range. The present invention is a vehicle transmission oil seal comprising: an elastic member with a seal lip portion having at least a main lip portion, wherein the elastic member is formed of a composition containing a fluororubber and a fluororesin and has projecting portions at least on a surface of the main lip portion, the projecting portions being substantially formed of the fluororessin contained in the composition, the fluororessin is a copolymer including a polymerization unit derived from ethylene and a polymerization unit derived from tetrafluoroethylene, and the fluororubber is a polymer including a polymerization unit derived from vinylidene fluoride.



No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/07/2012

(21) Application No.1610/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : FERRITE MAGNETIC MATERIAL, FERRITEMAGNET, AND FERRITE SINTERED MAGNET

(51) International classification	:C04B 35/26
(31) Priority Document No	:2010-061302
(32) Priority Date	:17/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/056091
Filing Date	:15/03/2011
(87) International Publication No	:WO 2011/115129
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TDK CORPORATION

Address of Applicant :1-13-1, NIHONBASHI, CHUO-KU,
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(72)Name of Inventor :

1)SHIGEKI YANAGIDA

2)TAKAHIRO MORI

3)HIROYUKI MORITA

4)NOBUHIRO SUTO

5)TATSUYA KATOH

6)YOSHIHIKO MINACHI

(57) Abstract :

An object of the invention is to provide a ferrite magnetic material, which can provide permanent magnet wherein a high Br and HcJ are maintained, and in addition, a high Hk/HcJ is provided, and to provide a ferrite magnet and ferrite sintered magnet respectively comprising said ferrite magnetic material. In order to achieve such object, a ferrite magnetic material, in which its main phase comprises ferrite phase having a hexagonal crystal structure, and metal element composition expressed by Ca_{1-w-x-y}R_w Sr_x Ba_y Fe_z Mn where 0.25 < w < 0.5, 0.01 < x < 0.35, 0.0001 < y < 0.013, y < x, 8.7 < z < 9.9, 1.0 < w/m < 2.1, 0.017 < m / z < 0.055 and Si component is at least included as a sub-component, and wherein; when content y1 mass% of the Si component in the ferrite magnetic material, with respect to SiO₂, is shown on Y-axis and a total content x1 of z and m is shown on X-axis, a relation between x1 and y1 is within a range surrounded by 4 points placed on X-Y coordinate having the X and Y axes, and a ferrite magnet and a ferrite sintered magnet comprising the ferrite magnetic material are provided.

No. of Pages : 58 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.840/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR THE AXIAL POSITIONING OF BEARINGS ON A SHAFT JOURNAL

(51) International classification	:F01C 21/02	(71) Name of Applicant : 1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP Address of Applicant :BOOMSESTEENWEG 957, B-2610 WILRIJK BELGIUM
(31) Priority Document No	:2009/0613	
(32) Priority Date	:08/10/2009	
(33) Name of priority country	:Belgium	
(86) International Application No	:PCT/BE2010/000067	(72) Name of Inventor : 1)VANNESTE, SOFIE, KRIS 2)BERNAERTS, BART
Filing Date	:27/09/2010	
(87) International Publication No	:WO 2011/041856	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for the axial positioning of bearings (10,11) on a shaft journal (9) of a rotor (3) whereby the axial play of the rotor (3) in its housing (2) is adjusted by affixing a spacer ring and two bearings with an interference fit such that the outer race is moved axially with respect to the inner race of the same bearing (10) over a distance that is a function of the desired axial play (S2).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.847/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD FOR DETERMINING BEARING PLAY OF EXHAUST-GAS-TURBOCHARGER
FRICTION BEARINGS

(51) International classification	:F02B 39/00	(71) Name of Applicant :
(31) Priority Document No	:102009049692.0	1)BORGWARNER INC.
(32) Priority Date	:16/10/2009	Address of Applicant :3850 HAMLIN ROAD, AUBURN HILLS, MI 48326-2872, UNITED STATES OF AMERICA
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/051032	1)WALTER, NORBERT
Filing Date	:01/10/2010	2)SEILER, ANDRE
(87) International Publication No	:WO 2011/046758	
(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 determining bearing play of exhaust-gas-turbocharger friction bearings comprising the following method steps: - accelerating the exhaust-gas turbocharger or the body group from standstill to a maximum rotational speed and at the same time registering the vibration acceleration by means of a sensor; - determining the constant-tone frequency of the friction bearing at at least one rotational speed; - plotting the determined constant-tone frequency in a diagram, in which bearing-play ranges determined experimentally in advance are assigned to constant-tone frequency ranges; and - establishing whether or not the determined constant-tone frequency lies in a bearing-play target range.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2012

(21) Application No.1587/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PRODUCTION PROCESS FOR CYCLOPROPYLPHENOL DERIVATIVES

(51) International classification	:C07C39/17
(31) Priority Document No	:2005-102820
(32) Priority Date	:31/03/2005
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2006/306806
Filing Date	:31/03/2006
(87) International Publication No	: WO/2006/106906
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3904/KOLNP/2007
Filed on	:12/10/2007

(71)**Name of Applicant :**

1)SANKYO AGRO COMPANY, LIMITED

Address of Applicant :5-2, HIGAHI-SHINBASHI 1-CHOME,
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(72)**Name of Inventor :**

1)YOSHIHISA TSUKAMOTO

2)HIROYUKI KOMAI

3)TOSHIO KANEKO

4)TAKESHI TAKADA

(57) Abstract :

An object of the present invention is to find a method for easily synthesizing cyclopropylphenol derivatives. The object of the present invention is to find a process for producing a cyclopropylphenol derivative represented by general formula (10): [wherein R1, R2, R3 and R4 each independently represent a hydrogen atom or the like; Z represents a hydrogen atom or the like; and Y1, Y2 and Y3 each independently represent a hydrogen atom or the like]; and solved by the process comprising reacting a compound represented by general formula (7): [wherein each of the symbols are the same as previously defined; X represents a halogen atom; and V represents a hydrogen atom or the like], with a metal, metal salt or organometallic compound represented by general formula (8): M2 to obtain a compound represented by general formula (9): [wherein each of the symbols are the same as previously defined] and obtaining a compound represented by general formula (10) by hydrolysis in the case V represents the group, -W-R5.

No. of Pages : 120 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2012

(21) Application No.1600/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD OF PERFORMING A MINIMIZATION OF DRIVE TEST (MDT) FOR SPECIFIC AREA IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W 24/10
(31) Priority Document No	:61/298,873
(32) Priority Date	:27/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2011/000568
Filing Date	:27/01/2011
(87) International Publication No	:WO 2011/093653
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

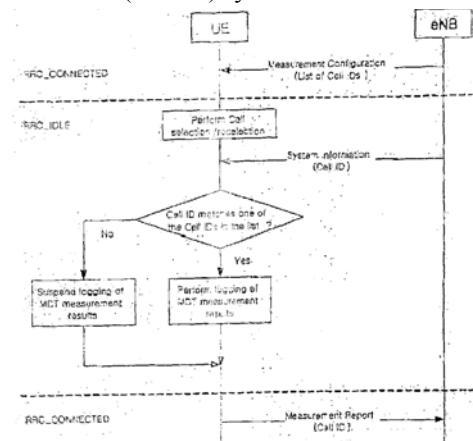
Address of Applicant :20 YEOUIDO-DONG
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(72)Name of Inventor :

1)YI, SEUNGJUNE
2)CHUN, SUNGDUCK
3)JUNG, SUNGHOON
4)LEE, YOUNGDAE
5)PARK, SUNGJUN

(57) Abstract :

Disclosed is a wireless communication system and terminal for providing a wireless communication service, and more particularly, a method of effectively perform an operation of MDT (Minimization Driving Test) for a specific area or a specific cell in an Evolved Universal Mobile Telecommunications System (EUMTS) evolved from a UMTS, Long Term Evolution (LTE) System or LTE-Advanced (LTE-A) system.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.838/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : SPARK PLUG WITH VOLUME-STABLE ELECTRODE MATERIAL

(51) International classification	:H01T 13/39
(31) Priority Document No	:61/264,111
(32) Priority Date	:24/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/058028
Filing Date	:24/11/2010
(87) International Publication No	:WO 2011/066406
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)FEDERAL-MOGUL IGNITION COMPANY

Address of Applicant :26555 NORTHWESTERN
HIGHWAY, SOUTHFIELD, MICHIGAN 48033-2146, UNITED
STATES OF AMERICA

(72)**Name of Inventor :**

1)MA, SHUWEI

(57) Abstract :

A spark plug having one or more electrodes at least partially fabricated from an aluminum-containing Ni-based alloy. The alloy is a volume-stable alloy that includes a Ni₃Al precipitate in a γ-phase distributed in a Ni matrix γ-phase. The precipitate is formed in the alloy prior to the alloy being used to fabricate electrodes and thus prevents additional Ni₃Al precipitate from being formed in the alloy once in service in a high-temperature environment. This, in turn, prevents a volume decrease of the alloy that may lead to an increased spark gap and spark plug malfunction. The volume-stable alloy may be made by solution treatment, quenching, and heat aging of a Ni-Cr-Al-Fe alloy.

No. of Pages : 23 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.845/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING SCHEDULING REQUEST SIGNAL IN MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W 72/12
(31) Priority Document No	:10-2009-0096484
(32) Priority Date	:09/10/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/006950
Filing Date	:11/10/2010
(87) International Publication No	:WO 2011/043637
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO., LTD.

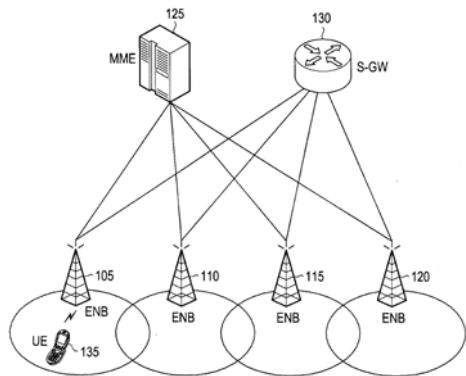
Address of Applicant :416, MAETAN-DONG,
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Republic of Korea

(72)**Name of Inventor :**

1)KIM, SOENG-HUN

(57) Abstract :

A method and an apparatus for transmitting a scheduling request signal of a terminal in a mobile communication system are provided. The method for transmitting the scheduling request signal of the terminal in the mobile communication system of the present invention comprises the steps of: triggering a Dedicated Scheduling Request (D-SR) process for requesting a resource for Buffer State Report (BSR) transmission when the BSR is triggered; checking whether the BSR is cancelled; and triggering the D-SR process when the BSR is not cancelled.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/04/2012

(21) Application No.852/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : GLASS FIBRE COMPOSITE OF IMPROVED PROCESSABILITY

(51) International classification	:C08L 23/10
(31) Priority Document No	:09172622.4
(32) Priority Date	:09/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/064640
Filing Date	:01/10/2010
(87) International Publication No	:WO 2011/042364
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :IZD TOWER WAGRAMERSTRABE
17-19 A-1220 VIENNA, AUSTRIA

(72)Name of Inventor :

1)BERNREITNER, KLAUS
2)SCHIESSER, STEFAN
3)TRANNINGER, MICHAEL
4)GAHLEITNER, MARKUS

(57) Abstract :

Fiber reinforced composition comprising a heterophasic propylene copolymer, a propylene homopolymer and/or a propylene copolymer, and fibers, wherein the propylene copolymer comprises not more than 2.0 wt.-% C2 to C10 α -olefins other than propylene, the propylene homopolymer and the propylene copolymer have a melt flow rate MFR2 (230 °C) of at least 500 g/10min, and the composition has a melt flow rate MFR2 (230 °C) of at least 10 g/10min.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.849/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : HERBICIDAL SUSPENSION

(51) International classification	:A61K36/00
(31) Priority Document No	:2005-072034
(32) Priority Date	:14/03/2005
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP06/303918
Filing Date	:23/02/2006
(87) International Publication No	:WO/2006/098156
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filed on	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)ISHIHARA, YOSHIAKI

3)YAMADA, RYU

4)TSURUTA TATSUHIKO

(57) Abstract :

A herbicidal suspension comprising (1) a sulfonylurea compound or its salt as a herbicidal component, (2) at least one surfactant selected from the group consisting of an alkoxylated sorbitol fatty acid ester and an alkoxylated sorbitan fatty acid ester, and (3) a water-immiscible diluent. A method for controlling undesired plants or inhibiting their growth, which comprises applying a herbicidally effective amount of the herbicidal suspension to the undesired plants or to a place where they grow.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/04/2012

(21) Application No.855/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : ENERGETIC MODULATION OF NERVES

(51) International classification	:A61N 1/18
(31) Priority Document No	:61/250,857
(32) Priority Date	:12/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052197
Filing Date	:11/10/2010
(87) International Publication No	:WO 2011/046880
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONA MEDICAL, INC.

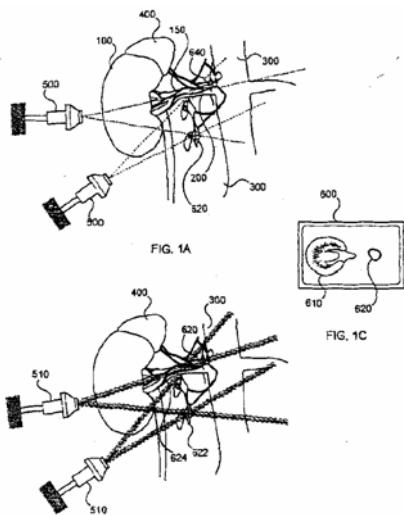
Address of Applicant :335 BRYANT STREET PALO ALTO, CALIFORNIA 94301 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)GERTNER, MICHAEL

(57) Abstract :

In some examples, nerves surrounding arteries or leading to organs are targeted with energy sources to correct or modulate physiologic processes. In some examples, different types of energy sources are utilized singly or combined with one another. In some examples, bioactive agents or devices activated by the energy sources are delivered to the region of interest and the energy is enhanced by such agents or the agents are enhanced by the energy sources.



No. of Pages : 175 No. of Claims : 148

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/04/2012

(21) Application No.856/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CABLE GLAND FOR A SHIELDED CABLE

(51) International classification	:H02G 3/06
(31) Priority Document No	:20 2009 013 522.5
(32) Priority Date	:07/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/004525
Filing Date	:23/07/2010
(87) International Publication No	:WO 2011/042078
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HUMMEL AG

Address of Applicant :LISE-MEITNER-STRASSE 2, 79211 DENZLINGEN GERMANY

(72)Name of Inventor :

1)BARTHOLOMÄ, MARIO

2)ZÜGEL, FRITZ

3)GÖTZ, VOLKER

4)HOCH, ACHIM

(57) Abstract :

A cable gland (1) for a shielded cable (2), including a threaded sleeve (9), a clamping insert (4) that engages therein, and a union nut (7) or pressure screw in the usual manner. The union nut or pressure screw act axially and radially upon an area of the clamping insert (4) protruding beyond the threaded sleeve (9) and radially deforms the clamping area or the clamping finger (6) of the clamping insert. The threaded sleeve (9) contains a contact device (10) having one or more contact fingers (11), which lie against the shielding of the cable (2) in a contacting manner in the working position. The contact device (10) includes a carrier or ring (13) that is arranged in the threaded sleeve (9) in the working position and that has the one or more resilient contact fingers (11), wherein the contact fingers (11) each have a deformable protrusion (14) adjacent to the carrier or ring (13) of the contact fingers in the axial direction, the deformable protrusion having a convex curvature or rectangular shape in the longitudinal section in the initial position, and in continuation thereof after a corresponding bend, the contact fingers extend approximately in the orientation direction of the cable (2), thus in the relative insertion direction of the cable.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2012

(21) Application No.861/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MELT BLOWN FIBERS OF POLYPROPYLENE COMPOSITIONS

(51) International classification	:C08L 23/10
(31) Priority Document No	:091760637
(32) Priority Date	:16/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/067324
Filing Date	:11/11/2010
(87) International Publication No	:WO 2011/058118
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant : I Z D T O W E R
WAGRAMERSTRÄBE 17-19 A-1220 VIENNA, AUSTRIA

(72)Name of Inventor :

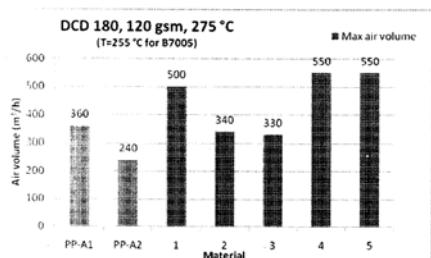
1)TYNYS, ANTTI

2)FIEBIG, JOACHIM

3)P E R R I L L A T - C O L L O M B, PASCAL

(57) Abstract :

Polypropylene composition comprising a polypropylene having a melt flow rate MFR2 (230 °C) of at least 450 g/10min and a molecular weight distribution (MWD) of not more than 3.5 , a polypropylene having a melt flow rate MFR2 (230 °C) of equal or below 20 g/10min, wherein the composition has a melt flow rate MFR2 (230 °C) of at least 200 g/10min.



No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2012

(21) Application No.863/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : TURBINE CASING OF AN EXHAUST -GAS TURBOCHARGER

(51) International classification	:F02B 39/00
(31) Priority Document No	:102009051539.9
(32) Priority Date	:30/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/US2010/053644
Filing Date	:22/10/2010
(87) International Publication No	:WO 2011/053513
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BORGWARNER INC

Address of Applicant :PATENT DEPARTMENT 3850
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UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)JOERGL, VOLKER

2)KIENER, TIMM

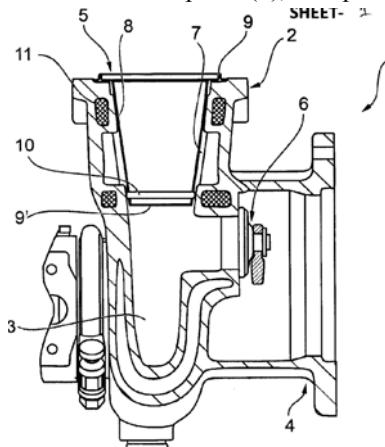
3)KRITZINGER, THOMAS

4)WEISS, STEFAN

5)WUEST, SYLVIA

(57) Abstract :

The invention relates to a turbine casing (1) of an exhaust-gas turbocharger (62), having an inlet connection piece (2) adjoined by a spiral (3), and having an outlet connection piece (4), characterized by an insulating device (5) for reducing the input of heat into the inlet connection piece (2), the spiral (3) and/or the outlet connection piece (4).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2012

(21) Application No.844/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DIAGNOSIS AND MAINTENANCE DEVICE FOR A SWITCHGEAR ASSEMBLY AND CORRESPONDING SWITCHGEAR ASSEMBLY

(51) International classification	:G05B 19/042
(31) Priority Document No	:10 2009 049 931.8
(32) Priority Date	:19/10/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/005822 :23/09/2010
(87) International Publication No	:WO 2011/047766
(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)ABB AG

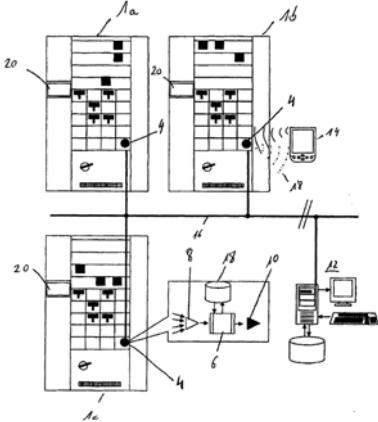
Address of Applicant :KALLSTADTER STR.1, 68309
MANNHEIM GERMANY

(72)Name of Inventor :

1)MERKEL, HANS-PETER
2)FORSTBACH, MATTHIAS
3)GRAF, RALF

(57) Abstract :

The invention relates to a diagnosis and maintenance device (4) for a switchgear assembly (1a, 1b, 1c), in particular a low-voltage switchgear assembly, comprising a data processing device (6) and at least one first, internal interface device (8), which is connected to at least one connected and communication-capable apparatus in the particular switchgear assembly (1a, 1b, 1c) in a communicating manner and polls and/or processes the diagnosis and maintenance information and/or status information of said connected and communication-capable apparatus and provides said information in an accessible manner as usable and/or human-readable information and/or outputs and/or displays said information as usable and/or human- readable information. The invention further relates to a switchgear assembly having such a device.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/04/2012

(21) Application No.857/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : CARTRIDGE INSERTION ASSEMBLY FOR DRUG DELIVERY SYSTEM

(51) International classification	:A61M 5/142
(31) Priority Document No	:12/559,563
(32) Priority Date	:15/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048556
Filing Date	:12/09/2010
(87) International Publication No	:WO 2011/034799
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEDIMOP MEDICAL PROJECTS LTD

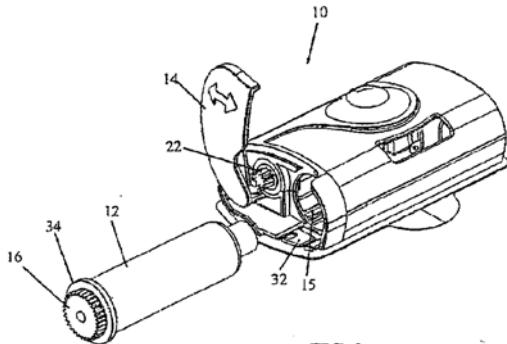
Address of Applicant :17 HATIDHAR STREET PO BOX
2499 43665 RA'ANANA ISRAEL

(72)Name of Inventor :

1)CABIRI, OZ

(57) Abstract :

A cartridge insertion assembly including apparatus (10) with a pathway (15) formed therein, and a cartridge (12) insertable into the pathway (15), the cartridge (12) including a cartridge coupling element (16) connectable to an activation mechanism (18) disposed in the apparatus (10) operative to cause a substance contained in the cartridge (12) to be metered out of the cartridge (12), characterised by a door (14) pivoted to the apparatus (10) that includes a door coupling element (20) arranged with respect to the cartridge (12) such that when the door (14) is in a fully closed position, the door coupling element (20) couples the cartridge coupling element (16) with a coupling element (22) of the activation mechanism (18).



No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/04/2012

(21) Application No.858/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : DYNAMIC TRANSMISSION CONTROL FOR A WIRELESS NETWORK

(51) International classification	:H04W 72/04
(31) Priority Document No	:61/241,854
(32) Priority Date	:11/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048539
Filing Date	:10/09/2010
(87) International Publication No	:WO 2011/032051
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AEROVIRONMENT, INC.

Address of Applicant :181 W.HUNTINGTON DRIVE SUITE 202 MONROVIA, CALIFORNIA 91016 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)GRABOWSKY, JOHN, F.

2)TOKUMARU, PHILIP, T.

3)KNISKERN, ROBERT, JAY

4)CURRENS, NICHOLAS, S.

5)LEVINE, ALLAN, LESTER, JR.

(57) Abstract :

In one possible embodiment, a wireless network with dynamic transmission control is provided that includes a multiple of nodes. The nodes include an arbiter and multiple client nodes. The arbiter is configured to control an operation of the client nodes by defining communications operation cycles and allocating a bandwidth to each of the client nodes on a cycle by cycle basis in response to requests for bandwidth from the client nodes.

No. of Pages : 32 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/04/2012

(21) Application No.860/KOLNP/2012 A

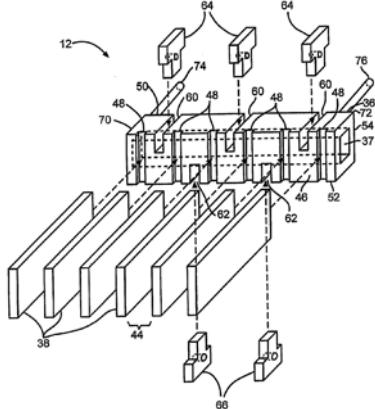
(43) Publication Date : 25/01/2013

(54) Title of the invention : HIGH EFFICIENCY FIN ASSEMBLY FOR MAKING GLASS FIBERS

(51) International classification	:C03B 5/44	(71) Name of Applicant :
(31) Priority Document No	:12/574,991	1) OCV INTELLECTUAL CAPITAL, LLC
(32) Priority Date	:07/10/2009	Address of Applicant :ONE OWENS CORNING
(33) Name of priority country	:U.S.A.	PARKWAY, TOLEDO, OH 43659, UNITED STATES OF
(86) International Application No	:PCT/US2010/051396	AMERICA
Filing Date	:05/10/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2011/044077	1) BEMIS, BYRON, L.
(61) Patent of Addition to Application Number	:NA	2) ANDERSON, TERRY, L.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Cooling fin assemblies constructed of materials suitable for use in manufacturing glass filaments are provided. The cooling fin assemblies include a manifold having a first end, a second end and an internal passage therebetween. The internal passage is configured for a flow of cooling fluid. A plurality of baffles is positioned within the internal passage. A plurality of blades is connected to the manifold. The blades are configured to conduct heat to the manifold. The baffles are configured to create a serpentine flow path for the cooling fluid within the manifold.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.966/KOL/2011 A

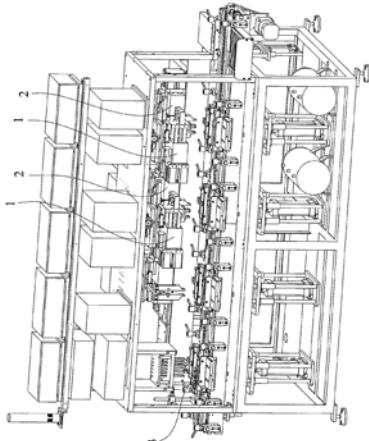
(43) Publication Date : 25/01/2013

(54) Title of the invention : SOLDERING DEVICE FOR FIXING TWO PROXIMATE LEAD CONTACTS OF A BATTERY IN A SINGLE SOLDERING STEP

(51) International classification	:B23K1/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)YUAN CHARM ENTERPRISE CO., LTD
(32) Priority Date	:NA	Address of Applicant :1F., NO. 29, AIGUO ST., SOUTH
(33) Name of priority country	:NA	DISTRICT, TAICHUNG CITY 402, (R.O.C) Taiwan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LIN, CHING-YUAN
(87) 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 soldering device includes a first clamping tool comprising a first drive source, a first driven block, first guide rods, a first fixed plate, a first sliding block, and first and second jaws; and a second clamping tool comprising a second drive source, a second driven block, second guide rods, a second fixed plate, a second sliding block, and third and fourth jaws. Both the first and second jaws of the first clamping tool are proximate to both the third and fourth jaws of the second clamping tool so that the first and second jaws of the first clamping tool and the third and fourth jaws of the second clamping tool fix a first lead contact and a second lead contact of a battery in a single step of a soldering operation.



No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.967/KOL/2011 A

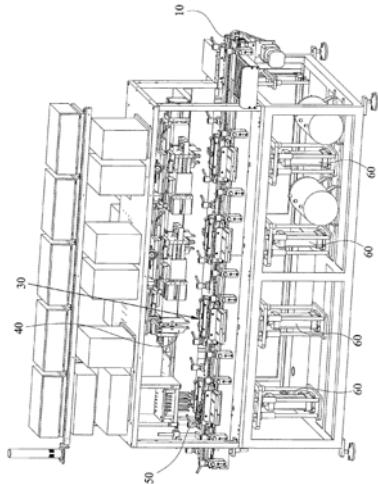
(43) Publication Date : 25/01/2013

(54) Title of the invention : CONVEYING SYSTEM FOR BATTERY ASSEMBLY LINE

(51) International classification	:B60S5/06	(71) Name of Applicant : 1)YUAN CHARM ENTERPRISE CO., LTD Address of Applicant :1F., NO. 29, AIGUO ST., SOUTH DISTRICT, TAICHUNG CITY 402, (R.O.C) Taiwan
(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)LIN, CHING-YUAN
Filing Date	:NA	
(87) 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 conveying system for battery assembly line includes a conveyor for continuously moving a plurality of batteries through a plurality of stations; a plurality of detection members each disposed in a respective one of the stations wherein the detection member detects the battery arriving at the corresponding station and generate a detection signal; a plurality of clamping tools each comprising an L-shaped clamping member including a longitudinal part for stopping the battery arriving at the station wherein the clamping tool clamps the battery and lifts same after receiving the detection signal; and a plurality of soldering members wherein after lifting the battery to a predetermined position the soldering member is activated to fix a joint of the battery and after the fixing the clamping tool lowers the battery onto conveyor to move forward.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2011

(21) Application No.970/KOL/2011 A

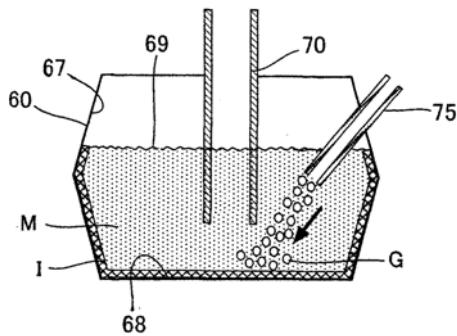
(43) Publication Date : 25/01/2013

(54) Title of the invention : TREATMENT METHOD OF MOLTEN METAL

(51) International classification	:C21C7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASAHI TEC CORPORATION
(32) Priority Date	:NA	Address of Applicant :547-1, HORINOUCHI, KIKUGAWA-CITY, SHIZUOKA, 439-8651 JAPAN
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KAWASHIMA SHIROU
Filing Date	:NA	2)NAKAJIMA NORIYUKI
(87) 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 technology can be used even after performing a treatment of removing inclusions from a molten metal by using the flux. It is further possible to decrease the inclusions in the molten metal. The treatment method of the molten metal includes a purification step of blasting the gas G on a portion of a furnace floor 68 or a furnace wall 67 positioned below the liquid level 69 of a molten metal M in a molten metal holding furnace 60. It holds the molten metal M containing aluminum, floating, in the molten metal M inclusions I which are deposited on the furnace floor 68 or the furnace wall 67 discharging the inclusions I together with the molten metal M from the molten metal holding furnace 60.



No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/04/2012

(21) Application No.859/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : PROTEIN A CRYSTALS AND CROSS-LINKED CRYSTALS AND METHODS OF USE THEREOF

(51) International classification

:C07K 14/31

(31) Priority Document No

:61/242,537

(32) Priority Date

:15/09/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/048664

Filing Date

:13/09/2010

(87) International Publication No

:WO 2011/034822

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ALTHEA TECHNOLOGIES, INC.

Address of Applicant :11040 ROSELLE STREET SAN DIEGO, CA 92121 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)SHENOV, BHAMI

2)PATEL, REENA

3)BALADI, SIBYL

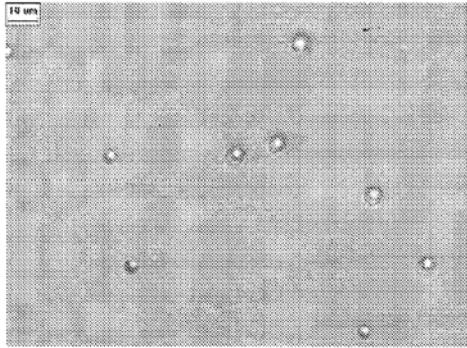
4)MCGRATH, MARGARET

5)KHALAF, NAZER

6)RANDHAWA, CHANCHAL

(57) Abstract :

Protein A crystals and Protein A cross-linked protein crystals (CLPCs) are described. Methods of preparing and using are also disclosed.



No. of Pages : 69 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2012

(21) Application No.935/KOLNP/2012 A

(43) Publication Date : 25/01/2013

(54) Title of the invention : MELT BLOWN FIBER

(51) International classification	:D01F 6/30
(31) Priority Document No	:10151898.3
(32) Priority Date	:28/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/050676
Filing Date	:19/01/2011
(87) International Publication No	:WO 2011/092092
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :IZD TOWER WAGRAMERSTRÄBE
17-19 A-1220 VIENNA, AUSTRIA

(72)Name of Inventor :

1)VAN PARIDON, HENK

2)BROEDERS, BERT

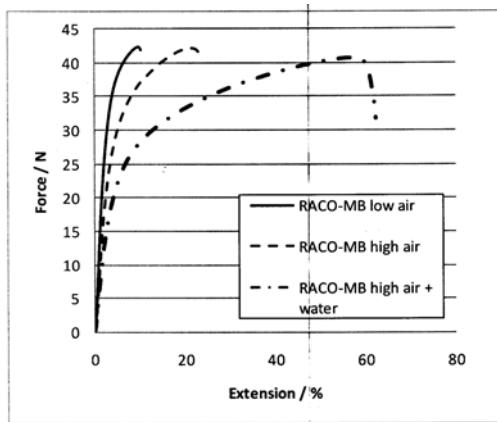
3)SARS, WILHELMUS HENRICUS ADOLF

4)FIEBIG, JOACHIM

5)ACKERMANS, NINA

(57) Abstract :

Melt-blown fiber having an average diameter of not more than 50 µm, said fiber comprises at least 85 wt.-% of a propylene copolymer, wherein said melt blown fiber and/or said propylene copolymer has/have a melt flow rate MFR2 (230 °C) measured according to ISO 1133 of at least 200 g/10min, said propylene copolymer has a comonomer content of 0.5 to 5.5 wt.-%, the comonomers are ethylene and/or at least one C4 to C20 α -olefin selected from the group consisting of 1-butene, 1-pentene, 1-hexene, 1-heptene, and 1-octene, the propylene copolymer has <2,1>regiodefects of not more than 0.4 mol.-% determined by 13C- spectroscopy, and said melt blown fiber and/or said propylene copolymer fulfill(s) the equation (1) wherein Tm [°C] is the melting temperature [given in °C] of melt blown fiber said and/or of said propylene copolymer measured according to ISO 11357-3, C2 [wt%] is the amount [given in weight percentage] of comonomers within said melt blown fiber and/or within said propylene copolymer determined with Fourier transform infrared spectroscopy (FTIR).



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

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	255059	1510/DEL/2006	27/06/2006	01/07/2005	A MOBILE WIRELESS COMMUNICATION DEVICE WITH A NOVEL PASSWORD ENTRY MECHANISM	RESEARCH IN MOTION LIMITED	31/08/2007	DELHI
2	255064	5413/DELNP/2006	27/04/2005	27/04/2004	4-[HYDROXY(DIPHENYL)MET HYL]-1-(2-[(PHENYLMETHYL)OXY]ET HYL}-1-AZONIABICYCLO[2.2.2.]OCTANE BROMIDE	GLAXO GROUP LIMITED	10/08/2007	DELHI
3	255066	1022/DELNP/2008	24/07/2006	08/08/2005	TRANSPARENT ARTICLES WITH ANTI-REFLECTIVE COATING AND METHODS OF MAKING THE SAME	GUARDIAN INDUSTRIES CORP.	20/06/2008	DELHI
4	255067	3595/DELNP/2004	12/05/2003	24/05/2002	PROCESS FOR THE PREPARATION OF THIOALKYLAMINE DERIVATIVES	BAYER CROPSCIENCE AG	27/11/2009	DELHI
5	255068	646/DELNP/2008	25/07/2006	29/07/2005	A GLASS SHEET	PPG INDUSTRIES OHIO, INC.	11/07/2008	DELHI
6	255072	187/DELNP/2007	12/04/2006	28/04/2005	A METHOD FOR NOISE SUPPRESSION IN AUDIO SIGNAL DECODED BY A HYBRID SCALABLE DECODER AND DEVICE THEREOF	SIEMENS AKTIENGESELLSCHAFT	03/08/2007	DELHI
7	255073	5730/DELNP/2005	08/04/2002	06/04/2001	CHIMERIC MONOClonAL ANTIBODY	CENTRO DE IMMUNOLOGIA MOLECULAR	30/04/2010	DELHI
8	255083	5707/DELNP/2006	23/04/2005	23/04/2004	COMPRESSED PHARMACEUTICAL COMPOSITIONS COMPRISING PEG AND ELECTROLYTES	NORGINE B.V	22/06/2007	DELHI
9	255084	2523/DELNP/2004	20/03/2003	25/03/2002	AN IMMUNOGLOBULIN-BINDING PROTEIN	GE HEALTHCARE BIO-SCIENCES AB	02/10/2009	DELHI
10	255087	1415/DEL/2007	03/07/2007 12:33:00	04/07/2006	A CONNECTOR AND A CONNECTOR ASSEMBLY	SUMITOMO WIRING SYSTEMS,LTD.	18/01/2008	DELHI
11	255088	3117/DELNP/2006	10/01/2005	12/01/2004	AN ANTIBODY COMPRISING Fc REGION VARIANT OF IgG1	APPLIED MOLECULAR EVOLUTION, INC	24/08/2007	DELHI

12	255107	8048/DELNP/2007	10/05/2006	11/05/2005	A METHOD OF CONDUCTING A REACTION AT MULTIPLE TEMPERATURES IN A DROPLET	ADVANCED LIQUID LOGIC, INC,DUKE UNIVERSITY	04/07/2008	DELHI
13	255111	2046/DELNP/2003	15/06/2002	18/06/2001	A PHARMACEUTICAL COMPOSITION FOR PHARMACOLOGICAL ADDICTIVE SUBSTANCE OR INTOXICANT THERAPY	HF ARZNEIMITTELFORSCHUNG GMBH	03/04/2009	DELHI
14	255112	3723/DELNP/2007	03/01/2006	05/01/2005	METHOD OF OBTAINING A TRANSPLASTOMIC PLANT FREE OF SELECTABLE MARKER	BAYER CROPSCIENCE AG.,	24/08/2007	DELHI
15	255113	5894/DELNP/2006	01/01/1900	09/03/2004	AN IMPROVED TOOTHBRUSH	THE GILLETTE COMPANY	13/07/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropria te Office
1	255051	248/MUMNP/2010	07/08/2008	14/08/2007	AN IN-VITRO METHOD OF PREDICTING THE RESPONSE OF A NON SMALL CELL LUNG CANCER PATIENT TO ERLOTINIB BY DETERMINING PTP4A1 GENE EXPRESSION LEVEL	F.HOFFMANN-LA ROCHE AG	09/07/2010	MUMBAI
2	255052	231/MUMNP/2010	07/08/2008	14/08/2007	AN IN-VITRO METHOD OF PREDICTING THE RESPONSE OF A NON SMALL CELL LUNG CANCER PATIENT TO ERLOTINIB BY DETERMINING PTPRF GENE EXPRESSION LEVEL	F.HOFFMANN-LA ROCHE AG	05/11/2010	MUMBAI
3	255053	285/MUMNP/2010	07/08/2008	14/08/2007	AN IN-VITRO METHOD OF PREDICTING THE RESPONSE OF A NON SMALL CELL LUNG CANCER PATIENT TO ERLOTINIB BY DETERMINING PSPH GENE EXPRESSION LEVEL	F.HOFFMANN-LA ROCHE AG	05/11/2010	MUMBAI
4	255054	228/MUMNP/2010	07/08/2008	14/08/2007	AN IN-VITRO METHOD OF PREDICTING RESPONSE OF A NON SMALL CELL LUNG CANCER PATIENT TO ERLOTINIB BY DETERMINING mRNA EXPRESSION LEVEL OF A RAPGEF5 GENE	F.HOFFMANN-LA ROCHE AG	02/07/2010	MUMBAI
5	255055	2225/MUMNP/2007	01/06/2006	02/06/2005	FUSED PYRAZOLE COMPOUNDS AS CANNABINOID RECEPTOR MODULATORS	GLENMARK PHARMACEUTICALS S. A.	01/02/2008	MUMBAI
6	255058	1379/MUMNP/2006	19/05/2005	19/05/2004	OPTICAL SENSOR WITH LAYERED PLASMON STRUCTURE FOR ENHANCED DETECTION OF CHEMICAL GROUPS BY SERS	VP HOLDING, LLC	13/04/2007	MUMBAI

7	255060	701/MUMNP/2006	15/12/2004	16/12/2003	A DISPLAY SYSTEM	U-MARKETING INTELLECTUAL PROPERTIES PTE.LTD.	23/03/2007	MUMBAI
8	255065	61/MUM/2004	22/01/2004	10/02/2003	CALL ROUTING IN A GATEWAY	MOCROSOFT CORPORATION	01/09/2006	MUMBAI
9	255085	1083/MUMNP/2006	15/04/2004	15/04/2004	A METHOD AND ARRANGEMENT FOR ENHANCED TRANSMISSION QUALITY IN PUSH-TO-TALK SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	30/03/2007	MUMBAI
10	255092	1061/MUMNP/2007	10/01/2006	29/03/2005	DRIVING ROD DRIVE	SIEGENIA - AUBI KG	24/08/2007	MUMBAI
11	255094	183/MUMNP/2008	04/07/2006	12/07/2005	HIGH SPEED MULTI-HULL BOAT	SORRENTINO RICHARD	22/02/2008	MUMBAI
12	255095	556/MUMNP/2008	07/09/2006	24/09/2005	METHOD FOR THREADING A THREAD	OERLIKON TEXTILE GMBH & CO. KG	04/07/2008	MUMBAI
13	255115	1747/MUM/2006	20/10/2006 14:59:02		STABLE AEROSOL FORMULATION	CIPLA LIMITED	18/07/2008	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.

Ser ial Nu mb er	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)	Appropriat e Office
1	255056	1701/CHE/2005	22/11/2005		A METHOD FOR FAST HANDOFF METHOD IN DUAL TO IPv4 TRANSITION SCENARIO	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	14/09/2007	CHENNAI
2	255061	3926/CHENP/2006	26/04/2005	26/04/2004	CATALYST FOR BISPHENOL PRODUCTION	IDEMITSU KOSAN CO., LTD	15/06/2007	CHENNAI
3	255062	3658/CHENP/2006	26/02/2005	01/03/2004	MULTILAYER DOSE	AISAPACK HOLDING S.A.	06/07/2007	CHENNAI
4	255063	5804/CHENP/2007	09/04/2003	11/04/2002	PROCESS FOR THE PREPARATION OF COMBRETASTATINS	AVENTIS PHARMA S.A	13/06/2008	CHENNAI
5	255069	4107/CHENP/2006	06/04/2005	08/04/2004	A DEVICE AND METHOD FOR REMOVING A COMPOSITION FROM THE SKIN	Reckitt Benckiser (UK) Limited	15/06/2007	CHENNAI
6	255070	2315/CHE/2007	12/10/2007 16:14:30	16/10/2006	METHOD AND PROCESS FOR USING COMMON PREINSTALLATION ENVIRONMENT FOR HETEROGENEOUS OPERATING SYSTEMS	DELL PRODUCTS L.P.	11/09/2009	CHENNAI
7	255075	2191/CHENP/2004	06/03/2003	08/03/2002	CERAMIC COLORANTS IN THE FORM OF NANOMETRIC SUSPENSIONS	COLOROBBA ITALIA S.P.A	20/07/2007	CHENNAI
8	255076	1382/CHENP/2008	18/09/2006	21/09/2005	METHOD FOR MAKING A STEEL PART OF MULTIPHASE MICROSTRUCTURE	ARCELORMITTAL FRANCE	28/11/2008	CHENNAI
9	255077	1093/CHE/2005	08/08/2005	20/08/2004	FUEL-CELL VEHICLE	HONDA MOTOR CO., LTD	28/09/2007	CHENNAI
10	255078	3470/CHENP/2006	16/03/2005	22/03/2004	SPINDLE FOR A MACHINE TOOL WITH A BEARING ELEMENT WITH A CAPILLARY INLET FOR FEEDING OF LUBRICANT	PAUL MULLER GMBH & CO. KG UNTERNEHMENS-BETEILIGUNGEN	15/06/2007	CHENNAI

11	255079	2683/MAS/1998	27/11/1998	12/12/1997	PLASTIC SAFETY VALVE FOR CONTAINERS	PROTECHNA S.A.	08/06/2012	CHENNAI
12	255080	4173/CHENP/2006	05/08/2005	05/08/2004	METHOD AND SYSTEM FOR IMPLEMENTING COMMUNICATIONS BETWEEN MULTIPLE SUBNETS COVERED BY A PHYSICAL MSC AND MSC	HUAWEI TECHNOLOGIES CO., LTD.	22/06/2007	CHENNAI
13	255082	140/CHE/2004	20/02/2004	20/02/2003	TOILET FLUSHERS WITH MODULAR DESIGN	SLOAN VALVE COMPANY	02/12/2005	CHENNAI
14	255086	174/CHE/2005	25/02/2005	25/02/2004	SHOCK ABSORBER IN ELASTOMER MATERIAL FOR A SUSPENSION CONNECTING ROD OR OTHER CONNECTING COMPONENT	SNECMA	16/03/2007	CHENNAI
15	255089	5275/CHENP/2007	29/04/2006	15/06/2005	ENERGY ACCUMULATOR	MASCHINENFABRIK REINHAUSEN GMBH	27/06/2008	CHENNAI
16	255093	3872/CHENP/2006	22/02/2005	21/04/2004	WIPER BLADE	ROBERT BOSCH GMBH	15/06/2007	CHENNAI
17	255102	4114/CHENP/2006	06/04/2005	08/04/2004	A DEVICE FOR REMOVING A DEPILATORY COMPOSITION FROM THE SKIN	Reckitt Benckiser (UK) Limited	15/06/2007	CHENNAI
18	255103	1124/CHE/2005	12/08/2005		METHOD AND APPARATUS TO ACCOMPLISH SESSION INITIATION PROTOCOL (SIP) MESSAGES IN A SIP FRAMEWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	05/10/2007	CHENNAI
19	255108	4012/CHENP/2006	14/03/2005	30/04/2004	A PROCESS FOR FORMING ELASTIC FILM NONWOVEN LAMINATES	KIMBERLY-CLARK WORLDWIDE, INC	10/08/2007	CHENNAI
20	255109	3563/CHENP/2006	28/03/2005	31/03/2004	A URETHANE-MODIFIED ISOCYANATE COMPOSITION AND POLYURETHANE PRODUCT THEREFROM	DOW GLOBAL TECHNOLOGIES LLC	22/06/2007	CHENNAI
21	255110	1985/CHE/2005	30/12/2005		METHOD AND USER EQUIPMENT FOR SAVING BATTERY POWER DURING EMERGENCY CAMPING	SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.	20/07/2007	CHENNAI
22	255116	5678/CHENP/2007	09/06/2006	09/06/2005	METHOD FOR GROUP BASED COMMUNICATION	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	27/06/2008	CHENNAI

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Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255048	105/CAL/2002	25/02/2002	23/02/2001	COLORANTS FOR USE IN TINTED CONTACT LENSES AND METHODS FOR THEIR PRODUCTION	JOHNSON & JOHNSON VISION CARE, INC.	20/11/2009	KOLKATA
2	255049	740/KOL/2008	17/04/2008		A COOLING PROCESS WITH NANOFUID FOR COOLING THE STRIP IN THE RUN OUT TABLE OF THE HOT STRIP MILL	TATA STEEL LIMITED	23/10/2009	KOLKATA
3	255057	1703/KOLNP/2006	10/11/2004	17/12/2003	METHOD AND APPARATUS FOR PERSONALIZATION AND IDENTITY MANAGEMENT	ORACLE INTERNATIONAL CORPORATION	11/05/2007	KOLKATA
4	255071	3281/KOLNP/2007	03/05/2006	03/05/2005	A SOLID REDISPERSIBLE EMULSION AND A PROCESS FOR PRODUCING THE SAME	EVONIK DEGUSSA GMBH, EVONIK DEGUSSA GMBH	04/01/2008	KOLKATA
5	255074	2349/KOLNP/2008	20/11/2006	18/11/2005	AQUEOUS SUSPENSION BASED ON HYDRAULIC BINDER AND A PROCESS FOR THE PRODUCTION THEREOF	NORDKALK OYJ ABP	23/01/2009	KOLKATA
6	255081	1589/KOLNP/2006	20/12/2004	22/12/2003	AN ANTIBODY	GLAXO GROUP LIMITED	04/05/2007	KOLKATA
7	255090	2705/KOLNP/2006	25/03/2005	29/03/2004	A CAM WEAVE MECHANISM AND A METHOD OF ASSEMBLING THE SAID MECHANISM FOR A LOOM	STAUBLI FAVERGES a French Corporation	01/06/2007	KOLKATA
8	255091	1223/KOL/2007	31/08/2007	05/09/2006	A CORRECTION SYSTEM AND A METHOD FOR ELECTRONIC THROTTLE CONTROL	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	25/04/2008	KOLKATA
9	255096	47/CAL/2001	30/01/2001		ADJUSTMENT STRUCTURE OF PRESS RING AND STEEL RING OF A TRANSMISSION MECHANISM OF CIRCULAR KNITTING MACHINE	PAI LUNG MACHINERY MILL CO., LTD.	02/01/2009	KOLKATA

10	255097	751/KOL/2007	15/05/2007 15:40:58		A METHOD OF MANUFACTURING GRINDING ROLLER FOR RAYMOND TYPE PULVERIZERS AND GRINDING ROLLER FORMED THEREOF WITH GRINDING BITS	BHARAT HEAVY ELECTRICALS LIMITED	28/11/2008	KOLKATA
11	255098	902/KOL/2006	07/09/2006	27/10/2005	AN AUTOMATIC TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	29/06/2007	KOLKATA
12	255099	4138/KOLNP/2007	18/04/2006	28/04/2005	A METHOD AND A CONTROL SYSTEM TO MINIMIZE DEVIATION BETWEEN THE SET-POINT SLIP AND ACTUAL SLIP OF A WHEEL AND A RAIL IN BRAKING PROCESS OF RAILWAY VEHICLES	SIEMENS AKTIENGESELLSCHAFT – STERRIECH	02/01/2009	KOLKATA
13	255100	1314/KOL/2007	21/09/2007 15:30:41		A DEVICE FOR PROFILE MACHINING OF AXIAL PROFILE FAN BLADES	BHARAT HEAVY ELECTRICALS LIMITED	10/04/2009	KOLKATA
14	255101	1561/KOLNP/2005	08/11/2004	07/11/2003	SYSTEM FOR AND METHOD OF RECEIVING AND TRANSMITTING TRAFFIC INDICATION MESSAGE IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO. LTD.	27/10/2006	KOLKATA
15	255104	3040/KOLNP/2006	23/03/2005	26/03/2004	A CUTTING PICK	SANDVIK INTELLECTUAL PROPERTY AB	08/06/2007	KOLKATA
16	255105	2703/KOLNP/2006	23/02/2005	18/03/2004	CUTTING TOOL AND CUTTING INSERT THEREFOR.	ISCAR LTD.,	01/06/2007	KOLKATA
17	255106	3413/KOLNP/2006	19/05/2005	19/05/2004	AN APPARATUS FOR A SHOT PEENING TREATMENT.	SINTOKOGIO,LTD.	15/06/2007	KOLKATA
18	255114	339/KOL/2006	13/04/2006	13/04/2005	CARRIER AIR HEATING SYSTEM FOR SCR	THE BABCOCK & WILCOX COMPANY	22/06/2007	KOLKATA

CONTINUED TO PART- 2