

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं.	10/2013
ISSUE NO.	10/2013

शुक्रवार
FRIDAY

दिनांक: 08/03/2013
DATE: 08/03/2013

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

8th MARCH, 2013

CONTENTS

<i>SUBJECT</i>		<i>PAGE NUMBER</i>
JURISDICTION	:	5587 – 5588
SPECIAL NOTICE	:	5589 – 5590
EARLY PUBLICATION (DELHI)	:	5591 – 5594
EARLY PUBLICATION (MUMBAI)	:	5595 – 5606
EARLY PUBLICATION (CHENNAI)	:	5607 – 5611
EARLY PUBLICATION (KOLKATA)	:	5612 – 5619
PUBLICATION AFTER 18 MONTHS (DELHI)	:	5620 – 5640
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	5641 – 5662
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	5663 – 5741
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	5742 – 5743
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	5744 – 5745
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	5746
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	5747 – 5748
INTRODUCTION TO DESIGN PUBLICATION	:	5749
DESIGN CORRIGENDUM	:	5750
COPYRIGHT PUBLICATION	:	5751
REGISTRATION OF DESIGNS	:	5752 - 5782

**THE PATENT OFFICE
KOLKATA, 08/03/2013**

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, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>		

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 08/03/2013
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 :-

<p>1</p> <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: cgpdmt@nic.in</p>	<p>4</p> <p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p>2</p> <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>	<p>5</p> <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>
<p>3</p> <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 ।

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

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.131/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : BOWLING CARD GAME BY ASHISH TRIKHA

(51) International classification

:A63F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)ASHISH TRIKHA

Address of Applicant :150 KOHAT ENCLAVE, PITAM
PURA, Delhi India

(72)Name of Inventor :

1)ASHISH TRIKHA

(57) Abstract :

The Present invention is about a Card Game for simulating the Game of Bowling; for every frame /round; Players are given two cards having numbers 0-10 and/or words Gutter, Foul, Strike, Spare, and Split, these cards represent two chances/shots in a frame /round of Bowling Game. Ten frames/rounds are played and the player who scores highest point cumulatively is winner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3721/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : RAIL TRACK PAPER MACHINE

(51) International classification

:D21F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PRAKASH SINGH

Address of Applicant :BASUNDAR KHURD, POST- LUTER
MEJA, ALLHABAD, U.P. - 212302 India

(72)Name of Inventor :

1)PRAKASH SINGH

(57) Abstract :

Rail track paper machine to manufacturing the paper, used the rail track mechanism to rotate the wire, felt and screen instead of using the roll for rotation. Rail track mechanism, in which external part of wire, felt and screen be clamped with rail drive, which rotate in the track. In paper machine rolls help us in these function also like contain vacuum box inside it, tension provide for wire ,felt and screen, and heating of paper .These functions also are done in rail track paper machine without using rolls The removal of rolls and arrangement of components help us to make the multistage machine to rail track paper machin .As a result increase the production, reduce the cost and power due to retnoval of rolls

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.130/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : ECO FUN CARDS BY ASHISH TRIKHA

(51) International classification

:A63F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)ASHISH TRIKHA

Address of Applicant :150 KOHAT ENCLAVE, PITAM
PURA, Delhi India

(72)Name of Inventor :

1)ASHISH TRIKHA

(57) Abstract :

This is first of its kind Eco Fun Collectable Cards which contain special cards under the 7 Main categories ie. 5Rs: Respect, Reduce, Reuse, Recycle, Renew and Two special Category of Cards, R5 and Green Card. The winner of the round will primarily depend on cards category and secondarily by Carbon Credits allotted to the card.

No. of Pages : 3 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.659/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : MEANS OF CONTROLLING INFECTION PERSISTENCE OF HELICOBACTER PYLORI

(51) International classification :C12N1/21,A61K39/02
(31) Priority Document No :2010902818
(32) Priority Date :25/06/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000771
Filing Date :24/06/2011
(87) International Publication No :WO 2011/160182
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ONDEK PTY LTD
Address of Applicant :Suite 302 19A Boundary Street
Rushcutters Bay New South Wales 2011 Australia
(72)**Name of Inventor :**
1)BENGHEZAL Mohammed
2)SCHOEP Tobias
3)FULURIJA Alma
4)BERG Doug
5)MARSHALL Barry

(57) Abstract :

Helicobacter pylori(H. pylori)Helicobacter pyloriHelicobacter pyloriThe present invention relates to a means of controlling infection persistence of . In particular the present invention relates to an isolated genetically modified comprising a functional urease wherein the contiguous amino acid sequence between amino acid 529 and amino acid 555 of SEQ ID NO:1 is altered to produce said modified which is unable to establish or maintain a persistent infection.

No. of Pages : 85 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.120/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : TWO POWER TWO EXHAUST STROKE PER FUEL INJECTION UNIFLOW FOUR STROKE INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B41/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SHRAWAN RAJARAM WAGHMARE
(32) Priority Date	:NA	Address of Applicant :AZAD CHOWN, BHUDHWARI
(33) Name of priority country	:NA	PETH, WORD NO. 4, UMRED (RURAL) 441203 DISTRICT :
(86) International Application No	:NA	NAGPUR Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. SHRAWAN RAJARAM WAGHMARE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

My invention has reference to improvement in the method for converting heat energy into work for two stroke cycle engine operated on constant pressure cycle or constant volume cycle or any other cycle operating same two stroke internal combustion engine. In accompany drawing fig 1 working principle diagram of present uni-flow two stroke cycle engine operated on constant pressure cycle or constant volume cycle, according that fuel combustion take place and less heat is converting into useful work and lost more heat to atmosphere generate single power stroke per injection of fuel per revolution of crank shaft. Fig 2 is the working principle working diagram of invention engine which generates two useful power strokes by adding hot air stroke or buffer stroke and two exhaust by adding hot air exhaust or buffer exhaust stroke per injection of fuel per two revolution of crank shaft, to increase the thermal and fuel efficiency of two stroke cycle engine and produced less air pollution. Fig 3 is the section elevation of the engine construction according my invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.233/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : SYSTEM FOR PREPARATION OF NANO ORGANIC PIGMENT DISPERSION USING CAVITATION REACTORS

(51) International classification	:C09D17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SONAWANE SHIRISH HARI
(32) Priority Date	:NA	Address of Applicant :B 205 CHITRANGAN, SUKHSAGAR
(33) Name of priority country	:NA	NAGAR, KATRAJ, PUNE 411046 MS INDIA Maharashtra India
(86) International Application No	:NA	2)BHARAT APPARAO BHANVASE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BHARAT APPARAO BHANVASE
(61) Patent of Addition to Application Number	:NA	2)SONAWANE SHIRISH HARI
Filing Date	:NA	3)Y. PYDISETTY
(62) Divisional to Application Number	:NA	4)SRINATH S.
Filing Date	:NA	

(57) Abstract :

The main objective of the invention is to study the use of hydrodynamic cavitation for the preparation of stable Phthalocyanine yellow pigment dispersion. One of the objectives of an invention is to use different type and loading of surfactant for the preparation of stable Phthalocyanine yellow pigment dispersion. Preparation of Phthalocyanine yellow pigment dispersion was carried out using hydrodynamic cavitation assembly with orifice plate having 1 mm diameter for 45 min. The evaluation of stability of pigment dispersion was carried out by using zeta potential measurement. Particle size analysis was carried out to know the average particle size of pigment in the dispersion and to study the effect of hydrodynamic cavitation, surfactant loading and surfactant type on average particle size.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.114/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : TWO POWER ONE EXHAUST STROKE PER FUEL INJECTION UNIFLOW FOUR STROKE INTERNAL COMBUSTION ENGINE.

(51) International classification	:F02B41/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SHRAWAN RAJARAM WAGHMARE
(32) Priority Date	:NA	Address of Applicant :AZAD CHOWK, BUDHAWARI
(33) Name of priority country	:NA	PETH, WARD NO.4, UMRED(RURAL) 441203, DIST:
(86) International Application No	:NA	NAGPUR, MAHARASHTRA STATE, INDIA. Maharashtra
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. SHRAWAN RAJARAM WAGHMARE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

My invention has reference to improvement in the method for converting heat energy into work for two stroke cycle engine operated on constant pressure cycle or constant volume cycle or any other cycle operating same two stroke internal combustion engine. In accompany drawing fig 1 working principle diagram of present uniflow two stroke cycle engine operated on constant pressure cycle or constant volume cycle, according that fuel combustion take place and less heat is converting into useful work and lost more heat to atmosphere generate single power stroke per injection of fuel per revolution of crank shaft. Fig 2 is the working principle working diagram of invention engine which generates two useful power strokes by adding hot air stroke and one exhaust stroke per injection of fuel per two revolution of crank shaft, to increase the thermal and fuel efficiency of two stroke cycle engine and produced less air pollution. Fig 3 is the section elevation of the engine construction according my invention.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1600/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PORTABLE BIO-MASS BRIQUETTING MACHINE

(51) International classification	:B30B11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PATEL, PRAKASH AMBALAL
(32) Priority Date	:NA	Address of Applicant :RADHE BANGLOWS 44/A
(33) Name of priority country	:NA	PANCHAYATNAGAR STREET NO.4, UNIVERSITY ROAD
(86) International Application No	:NA	RAJKOT 5, GUJARAT STATE, INDIA Gujarat India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PATEL, PRAKASH AMBALAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable biomass-briquetting machine (1) operational on binderless technology and works on compression with mechanical pressure mainly comprising of mobile trolley (2), conveyor A (4), reduction gear A (5), electrical motor A (6), feeder A (7), conveyor B (8), reduction gear B (9), electrical motor B (10), feeder B (11), pulverizer (12), sieve (48), electrical motor C (14), conveyor C (15), reduction gear C (16), electrical motor D (17), feeder c (18), feeding hooper (19), reduction gear D (20), electrical motor E (21), briquetting plant (23), oil tank (31), lubricating system (39), heat exchanger (40) die holder (41), die (42), cooling tower (43), outlet (44), hook (45) and electrical motor G (46). (Fig.1)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1287/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PREADJUSTED EDGEWISE ORTHODONTIC ADD-ON BRACKET

(51) International classification :A61C7/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :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)DR BHAVIK RAMANLAL PATEL
Address of Applicant :302, SKYVIEW APARTMENT, AAI
MATA ROAD, PARVAT PATIYA, SURAT, PIN CODE:395010
GUJARAT, INDIA Gujarat India
(72)Name of Inventor :
1)DR BHAVIK RAMANLAL PATEL
2)DR VIJAY RAMANLAL PATEL
3)DR. ALKA MANISH BANKER
4)DR. VASANI RUPESH PARMANAND

(57) Abstract :

The present invention relates to an orthodontic bracket which allows to give different torque to the teeth during treatment. Torque change can be carried by this invention without debonding of preadjusted edgewise bracket.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.239/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : ZERO EMISSION SEWAGE FUELLED POWER GENERATOR.

(51) International classification	:C02F11/00, C02F1/00, B01J19/00	(71)Name of Applicant : 1)KULKARNI, VAIBHAV Address of Applicant :12, SR NO. 462/3 DEVENDRANAGAR, JALGAON - 425 002, MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KULKARNI, VAIBHAV
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a zero emission sewage fuelled power generator which uses sewage or urine as fuel for the generator. The fuel used is purified into water and then is electrolyzed to produce H₂ and O₂, which are combusted in a modified engine to generate power and steam. The input power required for the functioning of the unit is much less than the output power generated. So the running cost of the present invention is negligible thus making it very economical. It is also compact in size and is easy to install whenever required.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/01/2013

(21) Application No.234/MUM/2013 A

(43) Publication Date : 08/03/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF BIO-POLYMER COMPOSITE FROM ALGAE OIL

(51) International classification	:C09K3/00, A01G7/00	(71)Name of Applicant : 1)YEMUL OMPRAKASH SHRINIVAS Address of Applicant :SCHOOL OF CHEMICAL SCIENCES SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED (M.S.) INDIA 431602. Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : 1)DR. YEMUL OMPRAKASH SHRINIVAS
(32) Priority Date	:NA	2)DR. DAWANE BHASKAR SADASHIV
(33) Name of priority country	:NA	3)DR. GITE VIKAS VITTHAL
(86) International Application No	:NA	4)MR. RAJPUT SANDIP DHARAMSING
Filing Date	:NA	
(87) 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 :

Development of biopolymer composite from renewable resources has gained immense importance compared with petroleum resources, due to depleting sources of fossil fuel and environmental problems associated with them. Bio-based products are being developed from renewable resources through research to substitute conventional petrochemical-based plastics with renewable alternatives. Plant oil is one of the sources of raw material for manufacturing of chemicals and polymers. Algal oil has an advantage of a non-food resource with a greater oil yield per-acre and environmental friendly process. The biopolymer composite derived from algae oil are more eco-friendly and green composites. In the present innovation biopolymer matrix derived from algae oil such as bioepoxy resin, polyester, polyol, polyether, polyurethane, methacrylated algae oil, acrylated algae oil, malenated algae oil, silicone carbon hybrid polymer while the reinforcement agents such as natural/synthetic fibers, nano materials/clay, were used to obtain the biopolymer composite. The obtained biopolymer composite have applications in wide range of sectors from defense to everyday articles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2986/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : HIGH STRENGTH AND RELATIVELY LIGHT WEIGHT, ABRASION RESISTANT, UV STABILIZED,CORROSION AND ABRASION RESISTANT,ANTI SLIP/ANTI SKID,ZERO SCRAP VALUE, LESS EXPANDABLE FIBRE REINFORCED PLASTIC MANHOLE COVER AND FRAME.

(51) International classification	:E02D 29/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EVERLAST COMPOSITES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :C/306, OM CO-OP.HSG SOC.
(33) Name of priority country	:NA	LTD.,DHOBIGHAT,OFF.VAKOLA BRIDGE, SANTACRUZ
(86) International Application No	:NA	(EAST),MUMBAI-400 055, MAHARASHTRA STATE,INDIA.
Filing Date	:NA	Maharashtra India
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DILIP ANANDJI DEDHIA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

High strength, light weight, abrasion resistant, UV stabilized, corrosion and abrasion resistant, anti slip/ anti skid, zero scrap value, less expandable fibre reinforced plastic manhole cover with frame and method of manufacturing thereof, characterised in that the bottom mould and top mould as shown in figure. 1,2 and 3, containing base support (1) detachably associated with base mould (2) in desired shape, a release agent (3) layer is provided to prevent adhesion of gelcoat layer (4) to mould surface for demoulding the final product, a non porous, resin rich gelcoat layer (4) is applied alongwith resin, additives, hardeners, pigments and fillers, and a reinforcement layer alongwith resin and hardeners is applied on gelcoat layer which is known as gelcoat reinforcement layer (5) which is being provided to prevent product from toxic gasses/liquids, a first resin impregnated reinforcement layer (6) is applied on reinforced gelcoat layer which is extended horizontally and vertically in a such a way that it can wrap all the layers, multiple reinforcement layers (7), impregnated with resin and hardener to provide for desired strength are applied on the first reinforcement layer, a polyconcrete (8) mixture made up of resin, hardeners, additives and fillers is poured on the multiple reinforcement layers to form a core which imparts rigidity, strength to the product, the entire assembly is then subjected to mechanical vibrations through vibrating means and the resin mixed with hardeners is poured on polyconcrete core (9) to fill up the air voids that remains even after vibration, the complete assembly is then wrapped up with the extended first reinforcement layer to cover the entire system, resin putty paste mixed with hardeners (10) is then applied on the wrapped up reinforcement layer to provide better bonding between the top and bottom parts of the product an abrasion resistant, anti - skid / anti - slip, UV stabilised decorative, and flexible top mould (figure 4) layer, having chamfered edges is provided to avoid chipping.

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3446/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : BLOWING DEVICE ATTACHMENT TO CFPP MACHINE

(51) International classification	:B01L3/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANISH MAHENDRABHAI TANAWALA
(32) Priority Date	:NA	Address of Applicant :G-102 NEW AASHIRWAD FLATS
(33) Name of priority country	:NA	OPP. MANHAR DYG. MILL BAMROLI ROAD SURAT
(86) International Application No	:NA	Gujarat India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANISH MAHENDRABHAI TANAWALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This Blower Device is useful for elimination of error messages and problems for detector in detecting Cold Filter Plugging Point. This device (1) i.e. may be made of any suitable material such as metal or moulded plastic or any air blowing device (2) of any shape that is capable of blowing all types of air source (any material). It may blow air or nitrogen or any other gas. By using this device along with Cold Filter Plugging Point machine (4) the removal of moisture or humidity or ice formation from the tube can be ensured (3).

No. of Pages : 3 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3727/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 08/03/2013

(54) Title of the invention : ADVANCE PROCESS FOR AVASCULAR NECROSIS TREATMENT USING AUTOLOGUS BONE MARROW MESENCHYMAL STEM CELLS (BM MSCS) AND PLATELET RICH PLASMA (PRP) COMBINATION

(51) International classification	:C12N5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MAGHNAD GANESH JOSHI
(32) Priority Date	:NA	Address of Applicant :2B, SUDARSHAN PARK, NEAR
(33) Name of priority country	:NA	PANDIT BHEMSEN JOSHI UDYAN, RIGHT BHUSARI
(86) International Application No	:NA	COLONY, PUNE 29. Maharashtra India
Filing Date	:NA	2)CHAITANYA ARUN PURANDARE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. MAGHNAD GANESH JOSHI
Filing Date	:NA	2)CHAITANYA ARUN PURANDARE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention Advance process for Avascular Necrosis Treatment using Autologous Bone Marrow Mesenchymal Stem Cells (BM MSCs) and Platelet Rich Plasma (PRP) combination makes use of optimal delivery of growth factors and Mesenchymal Stem Cells (MSCs) to treat avascular necrosis. Activated PRP consists of several growth factors and this also works as a biological scaffold. This scaffold in combination with growth factors facilitates neovascularization of AVN bone. In addition, this scaffold helps transplanted MSC to engraft and differentiate in to osteocytes or chondrocytes at the injury site. . This minimally invasive procedure allows the delivery of Platelet Rich Plasma (PRP) and Bone Marrow Mesenchymal Stem Cells (BM MSCs) through a fine needle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3299/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING NANOSPONGES AND PROCESS OF SYNTHESIS THEREOF

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)RANA, ZAINUDDIN AHMED Address of Applicant :Y.B. CHAVAN COLLEGE OF PHARMACY, DEPARTMENT OF QUALITY ASSURANCE, DR.RAFIQ ZAKARIA CAMPUS, RAUZA BAGH,AURANGABAD-431001, MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	2)PATIL GUNJAN YUVRAJ
(32) Priority Date	:NA	3)ZAHID ZAHEER AHMED
(33) Name of priority country	:NA	4)FAROOQUI MAZAHAR NAZEERUDDIN
(86) International Application No	:NA	5)KHAN, FURQUAN NAZIMUDDIN
Filing Date	:NA	6)SANGSHETTI JAIPRAKASH NAVNATH
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RANA, ZAINUDDIN AHMED
Filing Date	:NA	2)PATIL GUNJAN YUVRAJ
(62) Divisional to Application Number	:NA	3)ZAHID ZAHEER AHMED
Filing Date	:NA	4)FAROOQUI MAZAHAR NAZEERUDDIN
		5)KHAN, FURQUAN NAZIMUDDIN
		6)SANGSHETTI JAIPRAKASH NAVNATH

(57) Abstract :

The present invention discloses microwave assisted synthesis of polymeric nanosponges (NS) with a particle size less than 200nm, wherein the said synthesis is characterized comprising subjecting a premixed mixture of cyclodextrin (CD) and cross linking agent to irradiation with microwaves at 800-1000 watt power at 80°C for 2-5 minutes.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.644/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : ECO-FRIENDLY NOVEL FABRIC FROM MICROBIAL ORIGIN: AN INNOVATIVE MATERIAL FOR FABRIC INDUSTRIES

(51) International classification	:A01N25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GAYATRI ASHWINKUMAR DAVE
(32) Priority Date	:NA	Address of Applicant :DEPT OF BIOTECHNOLOGY, P.D.
(33) Name of priority country	:NA	PATEL INSTITUTE OF APPLIED SCIENCES, CHAROTAR
(86) International Application No	:NA	UNIVERSITY OF SCIENCE & TECHNOLOGY, CHANGA-
Filing Date	:NA	388421, DIST. ANAND, GUJARAT Gujarat India
(87) International Publication No	:N/A	2)NIKITA DEEPAKKUMAR CHHAYA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GAYATRI ASHWINKUMAR DAVE
(62) Divisional to Application Number	:NA	2)NIKITA DEEPAKKUMAR CHHAYA
Filing Date	:NA	

(57) Abstract :

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.351/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : CYLINDER PRESS FLUID COMPRESSION SYSTEM

(51) International classification	:F04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUBBIAH SEKAR
(32) Priority Date	:NA	Address of Applicant :8/14/3, P.K.D. CHANDRASEKAR
(33) Name of priority country	:NA	NAGAR, THENNAMPALAYAM, ARASUR, SULUR TALUK,
(86) International Application No	:NA	COIMBATORE - 641 407 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUBBIAH SEKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cylinder press fluid compression system is disclosed. The cylinder press fluid compression system includes at least one fixed piston, at least one cylinder and at least one prime mover. The at least one cylinder reciprocates over the at least one fixed piston for facilitating compression of fluid contained inside the at least one cylinder. The at least one prime mover is connected to the at least one cylinder for facilitating reciprocating motion of the at least one cylinder over the at least one fixed piston.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.649/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : SPEED ENHANCED DUAL POWERED RENEWABLE ENERGY AUTOMOBILE

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATESAN KANNUSAMY PILLAI RAMALINGAM
(32) Priority Date	:NA	Address of Applicant :NO.37, ANNA STREET, KANAGAM,
(33) Name of priority country	:NA	TARAMANI, CHENNAI 600 113 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NATESAN KANNUSAMY PILLAI RAMALINGAM
(87) 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 :

In the latest practices, the Fuel Engines Gear Box connects to the Shaft of the front wheels and drives, hence the differential stands unused. Here in my claiming invention, the Front Wheel driving procedure remains the same as that of latest existing practice. And as the title of mine indicates I am making the car/Automobile to avail alternate power that is Electric Motor Geared Differential to power the rear wheels as well. And also the Differential, along with rotating the rear wheel shaft as well as drives an alternator to generate electricity to power said Electric Motor in order to recycle the generated power. The Differentials Outlet Bevel Gear (6), as shown in the Fig.1, also gets rotated and the Alternators Outlet Bevel Gear (7) gets rotated to rotate the Second Gear Box (3), where the Gear Box drives the Alternator (8) resulting in electric power generated and stored in Batteries (9). Hence the Car/Automobile has two options to power itself either by Fuel Engine (front wheels driving) or by the Motor Geared Differential (rear wheels driving), however the Alternator keeps generating electricity whenever the Car/Automobile is in motion as the alternator-driving Gear is constantly meshed with the Differential Outlet Gear. Also the Motor is next connected to a Gear Box to transmit the Geared rotations to the Differential in turn defining the utmost possible speed of the vehicle still consuming less power. In case of vehicle stuck on the road so as it needs more power to be rolled out to get out of stuck, conveniently either of the two sources can be used to drive out the vehicle, i.e., if the back wheel gets stuck the fuel engine driving can be used to pull out the vehicle and if the front wheel gets stuck, the rear wheel driving can be used to roll out the vehicle easily. Consistent Power Generating Alternator: The Electric Power is consistently generated during either of the two mechanisms, Fuel Engine Powered and Electric Motor Powered. Also as there is a Second Gear Box (3) set up, prior to the Differential to boost up the differential and as well as the Alternator(8) is thus boosted up, Electricity keeps generating even when the vehicle is driven slowly, as the Second Gear Box (3), is tend to raise the RPM to the Alternator (8), through the Differential(5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.751/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : SYSTEM FOR JOB PLACEMENT PORTFOLIO

(51) International classification	:G06Q, G06F	(71) Name of Applicant : 1)BALASUBRAMANIAN SURESH KUMAR
(31) Priority Document No	:NA	Address of Applicant :FLAT NO: D 2, GROUND FLOOR,
(32) Priority Date	:NA	LAKSHMI APARTMENTS, NO 108, KANDHA SWAMY KOIL
(33) Name of priority country	:NA	STREET, KOSAPET, CHENNAI - 600 012 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BALASUBRAMANIAN SURESH KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Computer Operated Network Program consisting of storage, device, processor to recruit candidates, register and scrutiny of the data of the candidate and make available the necessary data in convenient and desired form to achieve the objective.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.511/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : INFORMATION RELAY MECHANISM USING PROXIMITY COMMUNICATION

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greams
(33) Name of priority country	:NA	Road, Chennai- 600006, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Bala Arvind Ganesan
(87) International Publication No	: NA	2)Ramprasath Venugopal
(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 a system and method for relaying data across electronic devices using Near-Field Communication (NFC). The method includes establishing a communication channel with an electronic device in a network and transmitting a command to access a service associated with the electronic device. Further, the method includes determining parameters associated with the electronic device based on the command and accessing the service associated with the electronic device in accordance to the determined parameters.

No. of Pages : 50 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2918/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SELF-CENTERING STEADY REST WITH 2 GRIPPING ARMS

(51) International classification	:B65G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAJRAJ TECHNOLOGIES
(32) Priority Date	:NA	Address of Applicant :1253/7 Chandrika Building Kalanagar
(33) Name of priority country	:NA	K G Halli Jalahalli West Bangalore - 560 015 Karnataka India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sajan N K
(87) International Publication No	: NA	2)Reshma Anilraj
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The self-centering steady rest assembly (100) includes a housing (102) a first gripping arm (104) that includes a pad shoe (106) having a first gripping arm pad (108) and a second gripping arm pad (110). A second gripping arm (112) is pivotally mounted on the housing. The second gripping arm includes a third gripping arm pad (114). A pulling strip (128) is pivotally connected to the first gripping arm and the second gripping arm. A piston (120) is configured to drive the first gripping arm (104) in a first direction. The second gripping arm (112) is automatically driven in a second direction when the piston drives the first gripping arm. The first gripping arm pad the second gripping arm pad and the third gripping arm pad are configured to hold the work piece firmly such that the pad shoe accommodates a work piece.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1135/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : A NOVEL, PRE-FABRICATED, ENVIRONMENT-FRIENDLY AND COST EFFECTIVE CHANNEL FOR CARRYING AND GUIDING LIQUIDS.

(51) International classification	:B66C1/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PATIL RAJENDRA KRISHNA (ALIAS SWAMI DURGANANDA)
(32) Priority Date	:NA	Address of Applicant :RAMAKRISHNA MISSION
(33) Name of priority country	:NA	VIVEKANANDA UNIVERSITY, P.O.: BELUR MATH,
(86) International Application No	:NA	HOWRAH - 711 202, WEST BENGAL, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PATIL RAJENDRA KRISHNA (ALIAS SWAMI DURGANANDA)
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Conventional masonry or pre-cast channels or gutters have been found to involve enhanced labour involvement and material of construction. Moreover, often they require foundation and cannot be dismantled without breakage or damage to the structure, amongst other drawbacks. The present invention aims at overcoming the aforesaid drawbacks and provides a novel prefabricated, environment - friendly and cost effective channel for carrying and guiding liquids, comprising in combination (a) a plurality of prefabricated ties (1) at the bottom in a modular array, each of which is capable of holding at either end (b) two or more side-walls or slabs for each tie (1) as abovementioned, also prefabricated, of suitable profile and of equal or unequal height, for guiding the direction of flow of the liquid. Figs. 1 to 3 of the accompanying drawings illustrate this invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1473/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 08/03/2013

(54) Title of the invention : A MICROWAVE ASSISTED PROCESS FOR EXTRACTION OF TOTAL PHENOLIC ANTIOXIDANTS FROM PLANT MATERIAL

(51) International classification	:A61K 36/00,C07C231/2	(71)Name of Applicant : 1)MANDAL, SUBHASH C. Address of Applicant :PHARMACOGNOSY AND PHYTOTHERAPY RESEARCH LABORATORY, DIVISION OF PHARMACOGNOSY, DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY, JADAVPUR UNIVERSITY, KOLKATA-700032, WEST BENGAL, INDIA. 2)MANDAL, VIVEKANANDA 3)DAS, ANUP KUMAR
(31) Priority Document No	:NA	(72)Name of Inventor : 1)MANDAL, SUBHASH C. 2)MANDAL, VIVEKANANDA 3)DAS, ANUP KUMAR
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A micro wave assisted process for extraction of total phenolic antioxidants from plant material is disclosed. It comprises controlled soaking/pre-leaching of the plant material in a suitable extracting solvent with an appropriate solvent-sample ratio, particle size, pre-leaching time. This is followed by artificially inducing thermal stress through synergistic solvent-sample simultaneous heating and separation of the extract from the solvent once it is extricated from its matrix substantially. The extraction method is carried out such that it ensures maximum total phenolic content of good quality and consequential antioxidant activity in the recovered extract.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.49/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :16/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : ISOLATION OF PHYTOCONSTITUENT FROM BOMBAX CEIBA

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HOSSAIN, EMDAD
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	PHARMACEUTICAL TECHNOLOGY, JADAVPUR
(86) International Application No	:NA	UNIVERSITY, KOLKATA - 700 032, WEST BENGAL, INDIA.
Filing Date	:NA	2)GUPTA, JAYANTA KUMAR
(87) International Publication No	: NA	3)MANDAL, SUBHASH C.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HOSSAIN, EMDAD
(62) Divisional to Application Number	:NA	2)GUPTA, JAYANTA KUMAR
Filing Date	:NA	3)MANDAL, SUBHASH C.

(57) Abstract :

A method of isolation of phytoconstituent from Bombax ceiba is disclosed. It comprises extracting the plant part in a first solvent in a first apparatus, followed by removing the solvent under vacuum in a second apparatus. These steps are followed by drying the extract at a suitable temperature for suitable duration and preserving the dried form of the extract so obtained. This is followed by mixing the extract uniformly in a second solvent. Thereafter, the whole thing is poured above a silica gel column followed by eluting the extract with different solvents with increasing polarity, partially evaporating the solvent elute portion and storing the remaining to obtain crystalline mass for identification.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.574/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : A METHOD OF MEASURING CHEMO PREDICTION ASSAY

(51) International classification	:G01N33/574	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SURAKSHA DIAGNOSTIC PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :DD-18/1, SECTOR - 1, SALT LAKE
(33) Name of priority country	:NA	CITY, KOLKATA - 700 064, WEST BENGAL, , INDIA.
(86) International Application No	:NA	2)DR. SAUBHIK SENGUPTA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. SAUBHIK SENGUPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of predicting chemotherapy for first line and recurrent patients. More particularly, the present invention relates to a method of measuring chemo prediction assay which is done on a coated layer of matrigel. This matrigel is an artificial basement membrane. Furthermore, this invention also relates to a method of measuring chemo prediction assay on which a layer of mesothelial cells is coated from the same patient. Moreover, this invention also relates to a method of measuring chemo prediction assay which not only predicts first line chemo prediction but also second line or recurrent Cancer Chemo Prediction Assay. In this process, this assay therefore is a replica of the clinical situation in an ex vivo situation giving rise than to a more authenticated replication of the behavior of cells in vivo or in vitro.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : DESING OF FLUIDIZED BED BIOMASS GASIFIER (COLD MODEL AND HOT MODEL)

(51) International classification	:B01J7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, ROURKELA, ODISHA-769008 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. ABANTI SAHOO
(87) International Publication No	: NA	2)MR. RAJESH TRIPATHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The bench scale fluidized bed gasifier with a cold model unit is designed to produce synthesis gas from biomass sample. The hydrodynamic studies on cold model unit of gasifier gives information about the optimum conditions required for proper fluidization of biomass samples. The hot model gasifier gasifies the biomass at these predetermined optimum conditions with the application of steam and heat in addition. The studies on the effect of different parameters of gasification process indicate that Hydrogen yield in the product gas increases with the increase in temperature, equivalence ratio and steam to biomass ratio up to certain limit after which the yield decreases due to the effect of other parameters. Air and steam supply together to the real mode gasification process improves the performance of gasifier.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : CATALYTIC CONVERSION OF WASTE HIGH DENSITY POLYETHYLENE TO LIQUID FUEL

(51) International classification	:C08J11/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, ROURKELA - 769 008, DIST:
(86) International Application No	:NA	SUNDARGARH ORISSA INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. RAGHUBANSH KUMAR SINGH
(61) Patent of Addition to Application Number	:NA	2)MR. SACHIN KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a simple method for the conversion of waste high density polyethylene (HDPE) to liquid fuel. A stainless steel reactor is used to convert the waste HDPE to liquid fuel in presence of an acid treated kaolin catalyst. This catalyst improves the yield of oil and increases the rate of reaction. The physical properties analysis of the oil obtained in the optimum condition shows that it is a mixture of different petroleum fractions like gasoline, diesel and kerosene.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.90/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :24/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : A RADIO FREQUENCY MEMS UNIT CELL MINIATURE-SIZE SWITCHED CAPACITOR BASED PHASE SHIFTER DEVICE

(51) International classification	:H04B1/7136	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAKRABORTY, AMRITA
(32) Priority Date	:NA	Address of Applicant :DEPT. OF ELECTRONICS AND
(33) Name of priority country	:NA	TELECOMM. ENGG., JADAVPUR UNIVERSITY, KOLKATA
(86) International Application No	:NA	- 700 032, WEST BENGAL, INDIA.
Filing Date	:NA	2)GUPTA, BHASKAR
(87) International Publication No	: NA	3)SARKAR, BINAY KUMAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAKRABORTY, AMRITA
(62) Divisional to Application Number	:NA	2)GUPTA, BHASKAR
Filing Date	:NA	3)SARKAR, BINAY KUMAR

(57) Abstract :

A process for making a radio frequency MEMS unit cell miniature-size switched capacitor based phase shifter device (1) is disclosed. The process comprises of cleaning a silicon wafer (3), oxidizing it by thermal oxidation process to obtain a layer of silicon dioxide on the wafer surface and depositing a thin layer of aluminium by thermal evaporation. Thereafter, patterning is done to obtain a coplanar waveguide (CPW) pattern and a thin layer of silicon nitride (Si₃N₄) is deposited in the manner such as described such that a capacitive contact between a plurality of bridges (4a) and the central conductor of a CPW line (2) is achieved. Next, in a single step, fixed anchors (5) are formed as end supports for the bridges (4a) and a sacrificial layer is patterned for supporting the bridges (4a) from the bottom. Thereafter, a thin layer of Cr-Au layer is deposited to generate a bridge pattern. This is followed by removing the sacrificial layer for releasing the bridges (4a) and finally soaking the device in a solvent and then drying it. The invention also discloses a device made by the process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.75/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :22/01/2013

(43) Publication Date : 08/03/2013

(54) Title of the invention : A PROCESS FOR PRODUCING METHANE ENRICHED BIOGAS FROM ORGANIC WASTE

(51) International classification	:C12M1/107	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. NILACHAL BHATTACHARYA
(32) Priority Date	:NA	Address of Applicant :70, R.N.T. ROAD, BASALIPARA,
(33) Name of priority country	:NA	HARINAVI, KOLKATA - 700148, WEST BENGAL, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. NILACHAL BHATTACHARYA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for producing methane enriched biogas from organic waste. More particularly, the present invention relates to a process for producing methane enriched biogas from organic waste feedstock comprises biodegradable municipal solid wastes (BMW) plus other enriched organic waste streams (sewage sludge, agricultural, food processing wastes). Furthermore, this invention also relates to a process for producing methane enriched biogas from organic waste in which enrichment of methane in biogas to have valuable fuel can be achieved by removal of carbon dioxide. Moreover, this invention also relates to a process for producing methane enriched biogas where in anaerobic digestion is a complex biochemical process which takes place in a vessel in the absence of oxygen.

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2513/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF BIOORGANIC MANURE FROM PROTEINACEOUS SOLID WASTES

(51) International classification

:A23J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) 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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA

(72)Name of Inventor :

1)GANESAN SEKARAN

2)BALASUBRAMANI RAVINDRAN

3)CHINNASAMY NAGALAKSHMI

4)ARUMUGAM GNANAMANI

5)ASIT BARAN MANDAL

(57) Abstract :

The present invention relates to a process for the preparation of bioorganic manure from proteinaceous solid wastes generated from process industries. In particular, it provides an improved method of vermicomposting to convert the proteinaceous matter into bio-manure in significantly less time with no emission of toxic gas. The process essentially relates to microorganism mediated hydrolysis followed by catalytic oxidation using activated carbon and subsequent composting using earthworms. It is an eco-benign option for economical utilization of proteinaceous wastes for enormous application in irrigation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2514/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A NEW METHOD TO CONTROL VASCULAR WILT OF TOMATO (LYCOPERSICON ESCULENTUM) CAUSED BY FUSARIUM SP. THROUGH APPLICATION OF PIPER BETLE L. LEAF EXTRACT BASED HERBAL FORMULATION

(51) International classification	:A23J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA
(33) Name of priority country	:NA	2)DEFENCE RESEARCH LABORATORY (DRDO)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALAGOPALAN UNNI
(87) International Publication No	:NA	2)YELENA KAKOTY
(61) Patent of Addition to Application Number	:NA	3)IROM MANOJ SINGHA
Filing Date	:NA	4)JAYSHREE DAS
(62) Divisional to Application Number	:NA	5)SAWLANG BORSINGH WANN
Filing Date	:NA	6)LOKENDRA SINGH
		7)RAVI BIHARI SRIVASTAVA
		8)PARUCHURI GANGADHAR RAO

(57) Abstract :

Fusarium wilt is a serious disease of tomato (*Lycopersicon esculentum*). Searching of plant derived fungicides is one of the novel approaches for replacement of harmful synthetics with safer botanicals. A new method for controlling vascular wilt of tomato (*Lycopersicon esculentum*) caused by *Fusarium* sp. has been developed which comprises bioactive compounds from leaf extracts of Piper betle L. This herbal formulation is very effective in controlling the disease in field conditions in both seedlings as well as through seeds. Thus, it may serve as a better alternative for control of *Fusarium* wilt of tomato, which is environmentally safe and non-toxic to the host plant as well as for human consumption.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2554/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : HERBAL ENERGY DRINK IN DIFFERENT FLAVORS

(51) International classification	:A01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR -125, NOIDA - 201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARSHA KHARKWAL
(87) International Publication No	:NA	2)DHAN PRAKASH
(61) Patent of Addition to Application Number	:NA	3)CHARU GUPTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention pertains to a novel herbal energy drink in different flavors with synergistic formulation comprising extracts of different herbs along with flavoring agents, Vitamin C and pharmaceutical grade preservative with added properties of being a bioenhancer, immunomodulator and hepatoprotector. The herbal extract is obtained from a mixture of herbs selected from Zingiber officinale, Terminalia bellerica, Camellia sinensis, Bacopa monnieri, Withania somnifera, Phyllanthus niruri, Piper longum, Glycyrrhiza glabra, flavoring agents, Vitamin C, antioxidants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2570/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : CONNECTING DEVICE AND METHOD FOR CREATING A SCREW CONNECTION

(51) International classification	:B27M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STEFAN HILLEKE
(32) Priority Date	:NA	Address of Applicant :BEULER WEG 46, 58809
(33) Name of priority country	:NA	NEUENRADE GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STEFAN HILLEKE
(87) 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 connecting device (27) comprising a screw (1) and a carrier (7, 70), the latter being provided with a hollow space (8, 9, 28, 29) for receiving therein said screw (1), said hollow space (8, 9, 28, 29) being in frictional and/or positive engagement with the thread (3) of the screw (1) upon insertion of said screw (1). The hollow space (8, 9, 28, 29) is provided with a membrane (11) which can be penetrated by the screw (1) and which is arranged substantially transversely to the longitudinal screw axis (Y), wherein reinforcement ribs (42) protrude between the membrane (11) and the carrier (7, 70), such as being positioned on the same level as the membrane (11). The invention further relates to a method for creating a screw connection by inserting a screw (1) into a carrier (7, 70).

No. of Pages : 33 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2583/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A NOVEL ADJUVANT THERAPY FOR THE MANAGEMENT OF NEUROPATHIC PAIN

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country	:NA	C, SARASWATI VIHAR, DELHI-34 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANJEEV JAIN
(87) 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 is related to a novel adjuvant formulation for the patients suffering from Neuropathic pain. The present formulation comprises of Vitamins as well as antioxidant which shows a synergistic effect in neuropathic pain.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2546/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A PORTABLE SANITIZATION DEVICE

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI
(32) Priority Date	:NA	Address of Applicant :HAUZ KHAS, NEW DELHI - 110016
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOSE RANJAN
(87) 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 :

Water purification is generally defined as the process of removing undesirable chemicals, materials, and biological contaminants from contaminated water [1]. The goal is to produce water fit for a specific purpose. Most water is purified for human consumption (drinking water) but water purification may also be designed for a variety of other purposes, including meeting the requirements of medical, pharmacology, chemical and industrial applications. In general the methods used include physical processes such as filtration and sedimentation, biological processes such as slow sand filters or activated sludge, chemical processes such as chlorination and the use of electromagnetic radiation such as ultraviolet (UV) light. This invention deals with water purification with the purpose of making it potable using UV light, generated from a mobile phone. The purification process of water typically reduces the concentration of particulate matter including suspended particles, parasites, bacteria, algae, viruses, fungi; and a range of dissolved and particulate material. The standards for drinking water quality are typically set by governments or by international standards. These standards will typically set minimum and maximum concentrations of contaminants for the use that is to be made of the water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2547/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF MELPHALAN AND ITS SALTS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FRESENIUS KABI ONCOLOGY LTD.
(32) Priority Date	:NA	Address of Applicant :B - 310, SOM DATT CHAMBERS - I,
(33) Name of priority country	:NA	BHIKAJI CAMA PLACE, NEW DELHI - 110 066, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LAHIRI, SASWATA
(87) International Publication No	:NA	2)TEWARI, AMIT
(61) Patent of Addition to Application Number	:NA	3)SINGH, GOVIND
Filing Date	:NA	4)SHELKE, SHIVAJI HARIBHAU
(62) Divisional to Application Number	:NA	5)SHARMA, ASHWANI KUMAR
Filing Date	:NA	6)SINGH, MADAN

(57) Abstract :

The present invention discloses a process for preparing a highly pure Meiphalan of Formula (I) or its pharmaceutically acceptable salt. comprising the steps of; a) reductively alkylating a compound of Formula (II), wherein R is C1-C6 Alkyl and P is a suitable protecting group in the presence of a triflate and a base to obtain a compound of Formula III in a single step, wherein R and P is as defined above b) deprotection of a compound of Formula (III) to a compound of Formula (IV) c) optionally converting the compound of Formula (IV) to its acid addition salt d) converting the compound of Formula (IV) or its acid addition salt to Meiphalan of Formula (I) and e) optionally Converting Meiphalan to its pharmaceutically acceptable salt

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2560/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : NANO-DRUG DELIVERY FOR QUINAPYRAMINE SULPHATE□

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application N□

:NA

Filing Date

:NA

(87) 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

Address of Applicant :Krishi Bhavan Dr. Rajendra Prasad
Road New Delhi 110 001 India.

(72)Name of Inventor :

1)MANUJA Anju

2)DILBAGHI Neeraj

3)KUMAR Sandeep

4)KAUR Harmanmeet

5)BHANJANA Gaurav

6)KUMAR Rajender

7)KUMAR Balvinder

8)YADAV Suresh Chandra

(57) Abstract :

The invention relates to a novel drug delivery system for quinapyramine sulphate in form of nano-particle formulation. The invention provides polymer based quinapyramine sulphate loaded nano-particles.

No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2590/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : HERBAL FORMULATION EFFECTIVE AGAINST ACNE VULGARIS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)V. POOJA
(87) International Publication No	:NA	2)SEEMA BHATNAGAR
(61) Patent of Addition to Application Number	:NA	3)ASHWANI K. SRIVASTAVA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel herbal formulation comprising the bioactive extract obtained from the plant Ratanjot (Onosma hispidum) effective against acne causing bacteria like Propionibacterium acnes. The invention also relates to a process for the preparation of the formulation. The herbal formulation containing the important bioactive component can be used for different formulation that can be in the form of powder, cream, gel or lotion that can be easily used for external application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2591/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : PROBIOTIC ENHANCED LACTOSERUM BASED FUNCTIONAL FOOD PRODUCT FOR USE AS ADJUVANT THERAPY IN ANAEMIA

(51) International classification	:A23C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHARU GUPTA
(87) International Publication No	:NA	2)DHAN PRAKASH
(61) Patent of Addition to Application Number	:NA	3)HARSHA KHARKWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel composition and process for the preparation of a functional food effective in prevention and treatment of anemia and malnutrition. The functional food composition comprises of whey proteins, a dairy by-product obtained from cheese, whey is also called as lactoserum. The developed product is enriched by natural probiotic bacteria and other necessary nutrients obtained from microwave processed cereals and legumes like gram/chickpea (*Cicer arietinum*), barley (*Hordeum vulgare*), defatted seed meal of soybean (*Glycine max*) and wheat (*Triticum aestivum*) along with extract(s) of some herbs like spinach (*Spinacia oleracea*), drumstick (*Moringa oleifera*), amaranth (*Amaranthus species*), and chenopodium (*Chenopodium album*). The developed functional food product is cost effective, eco-friendly, novel and suitable to ward off malnutrition and anemia from society.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2601/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : ARRANGEMENT FOR ROLL FORM WHEEL DRESSER FOR DRESSING A GRINDING WHEEL

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)NATIONAL ENGINEERING INDUSTRIES LTD.

Address of Applicant :KHATIPURA ROAD, JAIPUR-
302001, RAJASTHAN India

(72)Name of Inventor :

1)TIKKIWAL, PAWAN

2)SHARMA, MUKESH

(57) Abstract :

The present invention generally relates to maintenance of grinding wheels used for abrasive machining. More particularly, the present invention relates to a roll form wheel dresser used for knocking worn-out abrasive particles of a grinding wheel while still maintaining concentricity of the grinding wheel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2536/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF BREATHABLE FILM WITH ENHANCED MECHANICAL PROPERTIES AND THE BREATHABLE FILM THEREOF

(51) International classification :E05F

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :943/DEL/2010

Filed on :20/04/2010

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Director General Defence Research and Development Organization

Address of Applicant :Ministry of Defence Govt. of India
Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
110105 India

(72)Name of Inventor :

1)ALAPPA RAMAKRISHNA

2)RAMU LOKESH

3)AMARINDER SINGH BAWA

(57) Abstract :

The present invention provides a process for preparation of breathable films with enhanced mechanical properties such as tear strength/puncture resistance tensile strength elongation/flexibility wherein once the emulsion is collected from the biosynthesis reactor in the process of preparing breathable film rectangular trays are taken on to which Teflon sheets are glued. Perforated polymeric substrate having a hole size of 2.25 sq.mm and 3mm pitch are placed into the rectangular trays following which the hot emulsion blends are poured into the trays. Grafted cast solutions are then allowed to dry at 35°C for 15 hours and peeled off to obtain breathable films with enhanced mechanical properties.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2559/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A UNIVERSAL STEP-WISE FREEZE DRYING PROCESS FOR LYOPHILIZATION OF PHARMACEUTICAL PRODUCTS□

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector-67 S.A.S Nagar Mohali
(86) International Application No	:NA	Punjab-160062 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Sanyog Jain
(61) Patent of Addition to Application Number	:NA	2)Dinesh Chauhan
Filing Date	:NA	3)Amit Kumar Jain
(62) Divisional to Application Number	:NA	4)Nitin Kumar Swarnakar
Filing Date	:NA	5)Harshad Harde
		6)Rahul Mahajan
		7)Dinesh Kumar
		8)Pankaj Valvi
		9)Manasmita Das
		10)Satyajit Datir
		11)Kaushik Thanki

(57) Abstract :

The present invention provides a universal step wise freeze drying process for lyophilization of pharmaceutical products. The pharmaceutical products include but are not limited to nanoparticles liposomes layersomes microparticles suspensions emulsions syrups dispersions and carbon nano tubes The lyophilized product obtained by the process of the present invention show long term stability in terms of drug content entrapment efficiency poly dispersity index particle size zeta potential intactness of particles and ease of redispersibility.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2611/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : AN IMPROVED MAGNETORHEOLOGICAL FINISHING APPARATUS FOR STABLE SCALABLE AND CONTINUOUS FINISHING APPLICATION

(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	:394/Del/2010
Filed on	:22/02/2010
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Indian Institute of Technology Delhi
Address of Applicant :Hauz Khas New Delhi 110016 India.
(72)**Name of Inventor :**
1)Sunil Jha
2)P M. Pandey
3)Anant Kumar

(57) Abstract :

The present subject matter relates a magnetorheological (MR) finishing machine (100) for finishing work surfaces (114) having different shapes such as for 3D-shaped surfaces. The magnetorheological (MR) finishing machine (100) includes a vertically oriented magnetorheological tool (102) for finishing the surface of a work piece (114). The vertically oriented magnetorheological finishing tool (102) further comprises a central rotating core (202). The tool also includes a stationary electromagnet coil (204) mounted on the central rotating core (202) and copper cooling coils (206) wrapped over the outer surface of the stationary electromagnet coil (204) for continuous cooling. The present subject matter is also provided with a magnetorheological fluid delivery system (1000) to supply magnetorheological fluid axially from the top of the central rotating core (202) of the magnetorheological finishing tool (102) via a magnetorheological polishing fluid passage (218).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2603/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : MULTI POINT SECURITY SYSTEM AND METHOD

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CHLEON AUTOMOTIVE LTD.

Address of Applicant :TEKNIKANTIE - 21, 02150 ESPOO,
FINLAND

(72)Name of Inventor :

1)LUIRO, VESA PEKKA

2)CHATRATH, VISHAL

3)GUPTA, PRASHANT

4)SHUKLA, SHASHANK

5)SAINI, SOAMI SARAN

(57) Abstract :

The present invention relates to a method for securing a computing system or a combination of computing systems from unwanted intrusion of any kind, and a system which uses the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2605/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : WOUND HEALING AND SKIN CARE THERAPIES THEIR COMPOSITIONS AND METHOD OF PREPARATION THEREOF

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Manu Chaudhary

Address of Applicant :Manu Chaudhary VENUS REMEDIES

LIMITED Plot No.52 Industrial Area Phase 1 Panchkula 134113

- Haryana India

(72)Name of Inventor :

1)Manu Chaudhary

(57) Abstract :

The embodiments disclose a topical formulation for the purpose of wound and skin care solutions. Particularly for cleansing disinfecting and inhibiting infection and promoting the natural and accelerated healing of conditions such as fresh cuts surgical stitches chronic (diabetic gangrene) acute wounds herpes zoster athletes foot bed sores and wound debridement . The formulation is a topical Nano/micro emulsion based synergistic herbal formulation in pharmaceutical acceptable dosage form presented in the forms of a solution gel lotion wet pad wet foam ointment stick spray bandage collodion liposomes phytosome Nanosome dry mixture solution etc.

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

(54) Title of the invention : CONVEYANCE NOZZLE FOR A FABRIC DYEING MACHINE AND A METHOD OF CONVEYING FABRIC

(51) International classification :H03F
 (31) Priority Document No :EP11180597.4
 (32) Priority Date :08/09/2011
 (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)FALMER INVESTMENTS LTD.,

Address of Applicant :3RD FLOOR, OMAR HODGE BUILDING, WICKHAMS CAY I, P.O. BOX 362, ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS U.K.

(72)Name of Inventor :

1)DR. TSUI TAK MING, WILLIAM

(57) Abstract :

A method of conveying a fabric comprises the steps of supplying fabric into a connecting tube of a conveyance nozzle and ejecting the fabric from an end of a main tube of the conveyance nozzle, wherein the step of ejecting the fabric comprises moving the main tube in a prescribed pattern, so as to deposit the ejected fabric in a corresponding prescribed pattern.

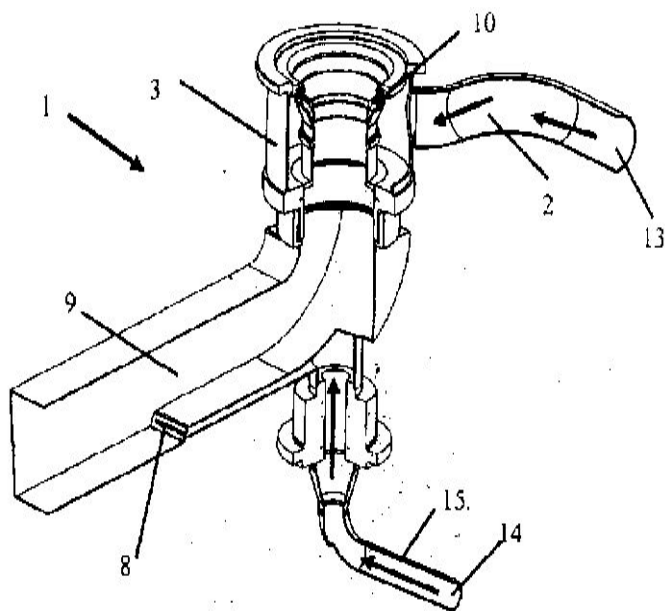


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.108/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :21/01/2004

(43) Publication Date : 08/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING SIMVASTATIN USING NOVEL HYDRAZIDE INTERMEDIATES

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)JUBILANT ORGANOSYS LIMITED Address of Applicant :PLOT 1A, SECTOR 16 A, NOIDA-201 301, UP, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PANCHASARA, DINESH R
Filing Date	:NA	2)SANJAY JAISWAL
(87) International Publication No	:NA	3)AKSHAT BHATNAGAR,
(61) Patent of Addition to Application Number	:NA	4)THAPER, RAJESH KUMAR
Filing Date	:NA	5)SUSHIL KUMAR DUBEY
(62) Divisional to Application Number	:NA	6)KHANNA, JAG MOHAN
Filing Date	:NA	

(57) Abstract :

This invention relates to an industrially feasible process for producing HMG-CoA reductase inhibitor, simvastatin via novel intermediates, wherein the process comprises treating lovastatin or lovastatin ammonium salt with hydrazine or hydrazine derivatives to obtain lovastatin hydrazide intermediate, which is further used to produce simvastatin. Further, the hydroxyl groups of said intermediate are optionally protected to obtain protected lovastatin hydrazide intermediate and use the same to produce simvastatin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2553/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A HERBAL SKIN CARE FORMULATION FOR FACIAL SKIN MANAGEMENT AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR - 125, NOIDA - 201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEVI DATT JOSHI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates the skin care formulation for topical use that has a skin whitening purpose, reduces pimples and softens the skin. The formulation in the form of cream comprises the leaf extract of Mulberry (Bombyx mori) mixed with aqueous extract of Apamarga (Achyranthes aspera) with cream base, suitable preservatives. The formulation prepared from the mulberry leaf extract and apamarga can be easily applied on face or can be utilized as facial pack with water, or with milk and honey.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2567/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE SYNTHESIS OF VESICULAR ACETYLCHOLINE TRANSPORTER INHIBITORS VESAMICOL, AND ITS ANALOGUES

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY ROORKEE,
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	ROORKEE-247 667 UTTARANCHAL INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JYOTI AGARWAL, INDIAN INSTITUTE OF
(87) International Publication No	:NA	TECHNOLOGY ROORKEE,
(61) Patent of Addition to Application Number	:NA	2)RAMA KRISHNA PEDDINTI,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a novel process for synthesis of vesicular acetylcholine transporter inhibitor Vesamicol and its analogues in particular Benzovesamicols, Azavesamicols and Spirovesimicols.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2592/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : PREPARATION AND CHARACTERIZATION OF THE RECOMBINANT MEMBRANE PROTEIN (MCA2) IN THE SF9 INSECT CELL LINE.

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AMITY UNIVERSITY

Address of Applicant :AMITY UNIVERSITY CAMPUS,
SECTOR-125, NOIDA-201303, Uttar Pradesh India

(72)Name of Inventor :

1)PRATIMA CHAUDHURI

(57) Abstract :

The present invention provides preparation and characterization of the recombinant membrane protein (MCA2) in the Sf9 insect cell line. The method provides the preparation of recombinant MCA2 in eukaryotic system. The eukaryotic expression enhances the level of post-translational modifications as well as the degree of multimerisation. Hence, the structure-function and oligomeric structure of recombinant MCA2 produced in the eukaryotic expression host resembles the WT protein. Purification of the recombinant protein is optimized using immobilized metal ion affinity chromatography and the multimeric state of the recombinant preparation is also disclosed.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2441/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A CONTROL MECHANISM FOR A SWITCHGEAR EQUIPMENT

(51) International classification	:H01H3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE,6TH FLOOR,DR.ANNIE
(33) Name of priority country	:NA	BESANT ROAD,WORLI,MUMBAI 400 030,MAHARASHTRA,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ZSOLT MITRIK
(61) Patent of Addition to Application Number	:NA	2)MATHEW ARUN TOM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control mechanism for a switchgear equipment, said equipment including at least a conductor located in a downward facing cantilever manner to form a stationary contact of a disconnecter switch or a disconnecter mechanism and at least a conductor in an upward facing manner to form a stationary contact of an earthing switch or an earthing mechanism, for obtaining the states of disconnection, neutral, and earthing in said switchgear equipment, said mechanism comprises: cylindrical moving contact with an angularly displaceable shaft at its operative distal end with angular displacement of said shaft being about its operative proximal pivot point, said shaft adapted to be engaged with a slot of a slotted disc such that linear displacement of said cylindrical moving contact causes corresponding angular displacement of said shaft to achieve said disconnection state and further angular displacement of said engaged disc to achieve said neutral state; and blade-type moving contact adapted to be angularly displaced about its operative proximal pivot point on said disc such that angular displacement of said disc causes corresponding angular displacement of said blade-type moving contact to achieve said earthing state.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2442/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : SUDOKU SOLUTION ASSISTANT.

(51) International classification	:A63F 13/00, A63F 9/00	(71)Name of Applicant : 1)SASTRY K GANTI Address of Applicant :1074 CROFTON LANE BUFFALO GROVE,ILLINOIS, 60089-4114 U.S.A.
(31) Priority Document No	:12/931,715	(72)Name of Inventor :
(32) Priority Date	:09/02/2011	1)SASTRY K GANTI
(33) Name of priority country	:U.S.A.	
(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 :

An apparatus to assist in finding all the current solution digit possibilities, at any unsolved single-square located within a 3 x 3 region of single-squares for a given Sudoku puzzle, by using an eliminating process through moving of numbers on the apparatus that represent all the single-digits from the fully solved and given-digit single-squares of the puzzle that directly affect the mentioned single square's solutions, and hence through default provide the required answers from numbers that were not moved.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2465/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :05/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR INSTALLING PATCHES IN A PORTABLE DATA CARRIER□

(51) International classification	:G06F 17/00	(71)Name of Applicant : 1)GIESECKE & DEVRIENT INDIA PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :9/1A Padale Prime Erandwane Pune
(32) Priority Date	:NA	411004 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MANTRI Deepen
Filing Date	:NA	2)GUPTA Sumit
(87) International □ublication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a patching method for implementation in a portable data carrier wherein the patch after serving the purpose of modifying existing program contained in the non-erasable memory gets deleted, wherein the said deletion is either prior to a predetermined state or upon satisfying of a predetermined condition. The present invention also provides a portable data carrier implementing the said patching method.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2482/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : TOP PLATE FOR SLIVER / SPINNING CANS

(51) International classification	:B02C 13/282	(71)Name of Applicant : 1)RIMTEX INDUSTRIES
(31) Priority Document No	:NA	Address of Applicant :PLOT NO. 1514,G.I.D.C.,PHASE IV,
(32) Priority Date	:NA	WADHWAN-363035,GUJRAT,INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KALPESH G. PARMAR
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 provides a spinning can wherein at least one additional flange has been added to the top plate so that the height of the top plate is increased. The diameter of one of the added flanges is different from that of the top plate, as a result of which, during working at high speed draw frame, the slippage of the sliver is avoided as the first few layers will take its position to establish further coil- perfection and thus forming identical layers on top of one another.

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

(54) Title of the invention : AIR COOLED ENGINE AND GENERATION OF POWER FROM ENGINE AND EXHAUST HEAT OF AUTOMOBILE.

(51) International classification	:F01P	(71)Name of Applicant :
(31) Priority Document No	5/02	1)PAWAR RAJENDRA NAVNATH
(32) Priority Date	:NA	Address of Applicant :AT-KAHANDALWADI (WAVI),
(33) Name of priority country	:NA	TAL- SINNER, DIST-NASHIK, MAHARASHTRA-422104
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PAWAR BALU VISHNU
(61) Patent of Addition to Application Number	:NA	2)PAWAR RAJENDRA NAVNATH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The air cooling of engine and generation of power system (100) from waste cooling heat of engine and exhaust heat, working as the air compressor (101) compresses the air into air galleries (102) for the cooling of the engine (104). The compressed air circulated around the combustion chamber with help of air galleries (102) for air cooling of the engine (104). The temperature measuring sensor (103) measures the temperature of engine (104) and communicates with the compressor (101) to provide the sufficient mass flow of air to maintain the safe working temperature of the engine (104) and it also avoid the overheating and overcooling of the engine (104). The mass flow rate can be controlled on the r.p.m of the engine. For effectively cooling of the engine (104) the fines will be provided in the air galleries (102). The heat exchange in galleries (102), the compressed air is heated and increases the temperature of air. This heated air is circulated into silencer/ exhaust pipe (105) via the heat exchanger/air circulating pipe (106) where it has further heated by heat of exhaust gases and rises the temperature of compressed air. After that this compressed air enters into the turbine (107) where it expands nearly to the atmospheric condition and producing the power. The mechanical energy transmits from turbine (107) to alternator (109) by using connecting shaft (108). The alternator (109) converts mechanical energy into the electricity. This generated electricity is stored in conventional type of battery (110). This electricity is used for the various applications. After expansion of the air into the turbine (107) it comes out through the exit (111).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2490/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR CENTRALIZED DATA PROTECTION APPLICATION.

(51) International classification	:G06F 12/16, G06F 15/16	(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)SINGH, UDAYAN
(33) Name of priority country	:NA	2)SINHA, PRATEEK
(86) International Application No	:NA	3)GUPTA, NISHI
Filing Date	:NA	
(87) 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 system and method is provided for centralized data protection application (DPA) that can be developed for a single user interface, which uses storage application program interface (API) or command line interface (CLI's) to perform data protection operations on cross-vendor storage systems in the backend and also enterprise API's and CLI's to perform Enterprise Application related operations, if required. It comprises of pluggable modules for Storage Vendors and Enterprise Application Vendors that will implement different functionalities in areas example Backup/Recovery, Archival, Compliance, and Deduplication.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2493/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR CONVERTING A LEGACY TOOL FILE TO A MARKUP LANGUAGE FILE

(51) International classification	:G06F 9/44, G06Q 10/00	(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)SUCHTHA, LAKSHMI
(33) Name of priority country	:NA	2)VANDANAM , VEERESH
(86) International Application No	:NA	3)S, VIGNESWARAN
Filing Date	:NA	4)RAJU, SAPPA
(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 system and method for converting a model file compatible with a legacy document composition tool to a markup language file compatible with a communication management platform, the system comprising: a mainframe for storing the model file compatible with said legacy document composition tool and exporting the same; a server for storing the output markup language file compatible with said communication management platform; a MTD converter module comprising of a variable identification module for extracting, identifying and substituting a variable of the model file with the equivalent variable of the markup language file based on one or more attributes of the extracted variable

No. of Pages : 17 No. of Claims : 6

(54) Title of the invention : FLUOROQUINOLONE N-N DONOR METALCOMPLEX

(51) International classification	:A61K31/496, A61K31/5383, A61P31/04	(71) Name of Applicant : 1)PARUL INSTITUTE OF PHARMACY ,LIMDA ,VADODARA Address of Applicant :PARUL TRUST'S, PARUL INSTITUTE OF PHARMACY, AT/PO LIMDA, WAGHODIA DIST. VADODARA 391 760 Gujarat India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR.PRAFULLA M.SABALE
(33) Name of priority country	:NA	2)MS .ROSHANIBEN K.PATEL
(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 development of metal based drugs with promising pharmacological application and may offer unique therapeutic opportunities. The advances in inorganic chemistry provide better opportunities to use metal complexes as therapeutic agents because of mode of action of metal complexes on living organism is differing from non metals. The lipophilicity of the drug is increased through the formation of chelates and drug action is significantly increased due to effective permeability of the drug into the site of action. This invention is related to preparation, physico-chemical and spectroscopic characterization, biological evaluation and stability studies of quinolone N-N donor metal complexes, their pharmaceutical acceptable salts as antimicrobial agents. Several complexes have been synthesized and characterized by physicochemical and spectroscopic methods. Quinolones possess 3-carboxylate group and 4-keto group which are essential for formation of metal complex. Formation of complexes is confirmed by IR spectra of quinolone complexes showed strong modifications of the carbonyl group located on the ring, indicating that this oxygen participates in the coordination to the metal ions along with the carboxylate group. Certain metal such as Zinc, Bismuth and Ferric have been found antibacterial activity itself and participate in co-ordination to form metal complex with improved lipophilicity of the parent quinolones. In vitro antibacterial activity of the complexes were tested against Gram(-) E.coli and Gram(+) S.aureus at different concentrations and compared with standard quinoline moiety.

No. of Pages : 70 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.240/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/02/2010

(43) Publication Date : 08/03/2013

(54) Title of the invention : VEHICLE LOCKING SYSTEM

(51) International classification	:E05B 47/00,F16D28/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AKSHAY SHIVAJI JADHAV

Address of Applicant :403,CHINMAY CO-OP.HSG.SOC,
SECTOR-06,PLOT NO-19, AIROLI,NAVI MUMBAI-400 708.
Maharashtra India

(72)Name of Inventor :

1)AKSHAY SHIVAJI JADHAV

(57) Abstract :

The device is useful for locking the vehicle (two wheeler, four wheeler, etc) by holding the clutch release arm firmly in a place so that the clutch is kept disengaged, the device is a rack and pinion where pinion is connected to shaft of steeper motor, as we press the clutch peddel or lever the clutch release arm is moved and gap is created, now by locking, the rack moves in that gap and keeps the clutch disengaged until it is unlocked and steeper motor pulls the rack back.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2468/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : PROCESS FOR PREPARING POLYARYLATED BORON-DIPYRROMETHENES

(51) International classification	:C08K 3/38	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(31) Priority Document No	:NA	Address of Applicant :POWAI,MUMBAI 400076,
(32) Priority Date	:NA	MAHARASHTRA,INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PROF.M. RAVIKANTH
Filing Date	:NA	2)MS. LAKSHMI VELLANKI
(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 :

One of the embodiment of this invention relates to a process for the preparation of hexabromo boron-dipyrromethene of formula (5) and a compound represented by formula 5A

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2489/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : CONTROLLED RELEASE COMPOSITIONS OF BETAHISTINE

(51) International classification	:A61K 31/4402	(71)Name of Applicant : 1)INVENTIA HEALTHCARE PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :UNIT NO.S-4,KHIRA INDUSTRIAL
(32) Priority Date	:NA	ESTATE,B.M BHARGAVA
(33) Name of priority country	:NA	ROAD,SANTACRUZ(WEST),MUMBAI 400054,
(86) International Application No	:NA	MAHARASHTRA,INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)TIWARI SUNIL DEVIPRASAD
(61) Patent of Addition to Application Number	:NA	2)SHAH VAIBHAVI ANKUR
Filing Date	:NA	3)JOSHI PRASAD SHRIKANTRAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention deals with stable controlled release pharmaceutical compositions comprising a hygroscopic drug such as betahistine or pharmaceutically acceptable salts thereof for once a day oral administration and a process for preparation of such compositions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2505/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : NOVEL PURIFICATION METHOD FOR 2-CHLORO-3-[4-(4-CHLOROPHENYL)CYCLOHEXYL]-1, 4-NAPHTHOQUINONE AND ATOVAQUONE

(51) International classification	:C07C 50/32, C07C 46/00	(71)Name of Applicant : 1)DISHMAN PHARMACEUTICALS & CHEMICALS LTD. Address of Applicant :BHADRAJ CHAMBERS, SWASTIK CROSS ROADS, NAVRANGPURA, AHMEDABAD-380 009, GUJRAT STATE, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor : 1)VYAS, JANMEJAY RAJNIKANT 2)DR. YADAV RAVIKESH RAJARAM 3)DR. BHIMANI ASHOK SHAMBHUBHAI
(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 an improved method for preparation and purification of atovaquone and its intermediate product. The present invention claims for an improved method for preparation and purification of the intermediate trans-2-[4-(4-chlorophenyl)cyclohexyl]-3-chloro-1,4-naphthoquinone(II) of formula-II and also preparation of stable form of 2-[trans-4-(4-chlorophenyl)cyclohexyl]-3-hydroxy-1,4-naphthoquinone(I) Atovaquone of formula - I and selective purification of trans-2-[4-(4-chlorophenyl)cyclohexyl]-3-chloro-1,4-naphthoquinone(II) with better yield and quality.

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2426/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/08/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : ELECTRIC AGARBATTI

(51) International classification	:A61L9/03, A61L9/14	(71)Name of Applicant : 1)MR. ANITH VIJAYAN
(31) Priority Document No	:NA	Address of Applicant :BRAHMAND, A4/502, PHASE II,
(32) Priority Date	:NA	AZAD NAGAR, THANE 400607,MAHARASHTRA,INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. ANITH VIJAYAN
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 :

A replacement device for agarbatti used in India includes a base and lighting device. On connecting the device to AC source, the base houses the heating plate on which the mat can rest and on heating can emit the fragrance and also the cluster of Red Light Emitting Diodes (LED) is connected will light up. Thus a single device is used as a replacement for the conventional agarbatti that provides the required red light and also the fragrance

No. of Pages : 8 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2445/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A CONDITIONED STORAGE CONTAINER FOR BIOLOGICAL MATERIAL

(51) International classification	:A61B 10/00	(71)Name of Applicant : 1)MAHINDRA & MAHINDRA LTD. Address of Applicant :GATEWAY BUILDING,APOLLO BUNDER, MUMBAI-400001. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. HIRANANDANI PRAVESH GOPE
Filing Date	:NA	2)MR.SHAH PARESH KANTILAL
(87) International Publication No	:N/A	3)MR. SHARMA RAKESH
(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 conditioned storage container for biological material. It comprises of precooling, ripening and refrigeration zones. The synergistic combination of the alternator system that is adaptable to be coupled to the external power source such as PTO of tractor, refrigeration, pre-cooling and ripening system configured with the controllers enable a storage container that can also be used by a single user with the aid of available vehicle mechanism such as tractor power transferring mechanism (PTO) to provide input to the refrigeration system to enable functions of pre-cooling, ripening and refrigeration in a single container during transportation of the biological harvested material and yet provide flexibility to provide input from AC mains so as to use it for stationary use to reduce losses and enhance shelf life of the material.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2448/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : TAMPER-EVIDENT CLOSURE

(51) International classification	:B65D41/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ESSEL PROPACK LIMITED
(32) Priority Date	:NA	Address of Applicant :10TH FLOOR,TIMES
(33) Name of priority country	:NA	TOWER,KAMALA CITY,SENAPATI BAPAT MARG,LOWER
(86) International Application No	:NA	PAREL,MUMBAI 400 013, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)BANERJEE, MRINAL KANTI
(61) Patent of Addition to Application Number	:NA	2)ABHYANKAR, CHANDRASHEKHAR RAMCHANDRA
Filing Date	:NA	3)MUKKOLATH, AVINASH VELANDY
(62) Divisional to Application Number	:NA	4)AGARWAL, TEJAS
Filing Date	:NA	

(57) Abstract :

A tamper-evident closure (100) is described, wherein the tamper-evident closure (100) comprises a body (102), a cap portion (104) coupled to the body (102) by a joint (106), and a tab (124) attached to a closure body skirt (122) of the body (102) to provide a space (126) between the closure body skirt (122) and the tab (124) to accommodate a lip portion (114) of the cap portion (104), wherein the tab (124) and the closure body skirt (122) are attached to one another via a seal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2498/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : A PROCESS FOR MANUFACTURING A COMPOSITE FERTILIZER

(51) International classification	:C05G	(71)Name of Applicant :
(31) Priority Document No	1/00	1)INDO GULF FERTILIZERS(A UNIT OF ADITYA
(32) Priority Date	:NA	BIRLA NUVO LIMITED)
(33) Name of priority country	:NA	Address of Applicant :INDIAN RAYON
(86) International Application No	:NA	COMPOUND,JUNAGADH,VERAVAL ROAD,VERAVAL 362
Filing Date	:NA	266,GUJRAT,INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PURI PRASHANT, MICKY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for manufacturing a customized, compound or composite fertilizer, which uses high shear mixing to combine two or more active ingredients, to provide NK, NS, PK, PS, NP, NKS, NPK, NPS, and NPKS fertilizer or a fortified composite fertilizer having micronutrients like Zn, Mg, Ca, B, and the like. The method is simple and cost-effective and provides a granular fertilizer having uniform granule composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2511/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : COMPREHENSIVE METHOD AND APPARATUS FOR MANAGEMENT OF ONLINE SYSTEM OF INTERACTIVE, CASHLESS, ORDERING OF FOOD; ASSOCIATED REAL TIME ORDER & TRANSACTION PROCESSING FOR GEOGRAPHICAL LOCATION SPECIFIC ON TIME DELIVERY OR PICKUP FROM THE PREFERRED REFECTORY

(51) International classification	:G06Q 30/00, G06Q 50/00	(71)Name of Applicant : 1)TITBIT INTERACTIVE SYSTEMS PVT. LTD. Address of Applicant :602, CENTRE POINT, J. B. NAGAR, ANDHERI-KULA ROAD ANDHERI(E), MUMBAI-400059, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MR. AMEYA HETE
(33) Name of priority country	:NA	2)KAUSTUBH CHOLKAR
(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 :
NOT SUBMITTED

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2512/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

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

(51) International classification	:B60K6/365, B60K6/48, B60K6/547	(71)Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE,24 HOMI MODY STREET,HUTATMA CHOWK,MUMBAI-400001, MAHARASHTRA,INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR.JANARDHANAN VENKATAPATHI
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 :

An automated manual / automatic transmission with at least one planetary gear system, atleast one electric motor/generator and atleast one lock up clutch is described. In addition to operating the engine in its fuel efficient region, an efficient power transmission is also achieved. Other functions being start stop, braking energy recuperation, efficient launch and engine boost.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2494/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : SINGLE FLAP ACTUATION FOR HV AC TEMPERATURE REGULATION

(51) International classification

:B60H
1/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: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)BEHR INDIA LIMITED

Address of Applicant :GATE NO.626/1/2 & 622/1/0 29

MILESTONE,PUNE-NASHIK HIGHWAY, VILLAGE-
KURULI,TALUK-KHED,PUNE-410501, MAHARASHTRA,
INDIA

(72)Name of Inventor :

1)PARTHASARATHI GARIKIPATI

2)SURAJ SATHYANARAYAN

(57) Abstract :

An HVAC system with temperature regulation achieved by a single flap comprises a flap disposed operatively between an evaporator and a heater. A portion of the flap defines a spoiler that selectively controls mixing of hot air from the heater and cold air from the evaporator to attain a pre-determined temperature. This system enables temperature regulation effectively and provides better space utilization when compared with prior art systems which typically necessitated at least two flaps to achieve temperature regulation.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2483/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : COMPOSITION AND METHOD FOR A PARENTERAL HAIR GROWTH SOLUTION

(51) International classification	:A61K 8/30	(71)Name of Applicant : 1)SHOME, DEBRAJ
(31) Priority Document No	:NA	Address of Applicant :A 603,MINERAL HOUSE,OPPOSITE
(32) Priority Date	:NA	ICICI BANK,THAKUR
(33) Name of priority country	:NA	VILLAGE,KANDIVALI(EAST),MUMBAI 400 101,
(86) International Application No	:NA	MAHARASHTRA,INDIA
Filing Date	:NA	2)KAPOOR, RINKY
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHOME, DEBRAJ
Filing Date	:NA	2)KAPOOR, RINKY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an intradermal pharmaceutical composition for application to the scalp of a person for improving the bodily appearance comprising plurality of growth factors, peptides and nourishing complex in an amount effective to treat or to prevent hair loss by stimulating hair follicles and promoting hair growth, where such hair growth improves the bodily appearance of the said person.

No. of Pages : 59 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2508/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 08/03/2013

(54) Title of the invention : MILK SAVER DEVICE

(51) International classification	:A47G	(71)Name of Applicant :
(31) Priority Document No	19/22	1)SHAHIL VAKIL KHAN
(32) Priority Date	:NA	Address of Applicant :DR.G.K.GULZAR VAIGYANIK
(33) Name of priority country	:NA	ANUSANDHAN & SAHITYA SEVA GULISTAN ARON DIST-
(86) International Application No	:NA	GUHA Madhya Pradesh India
Filing Date	:NA	2)RAM SHARAN JHA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SHAHIL VAKIL KHAN
Filing Date	:NA	2)RAM SHARAN JHA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is milk saving device which prevents milk from spilling or sloshing out of the container when the container is being heated up for the purpose of boiling milk. Briefly, the device comprises a larger diameter outer container, a smaller diameter inner cylindrical vessel which is releasably mounted inside the outer container, and an annular plate which is mounted around the top of the outer container. Outer container having a generally upstanding side wall in a generally cylindrical configuration and a generally planar bottom having at least one aperture therein and having holes through out the side walls, and an inner cylindrical vessel having a side wall and a bottom located within the outer container, the sidewall of the inner cylindrical vessel also contains holes for the purpose of dispersing milk collected from annular plate to the container containing milk.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.524/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : APPARATUSES AND METHODS FOR ENHANCING DATA RATE FOR PACKET-SWITCHED (PS) DATA SERVICE

(51) International classification	:H04L 29/08	(71)Name of Applicant : 1)MEDIATEK INC.
(31) Priority Document No	:13/228,214	Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE- BASED INDUSTRIAL PARK, HSIN-CHU 300, TAIWAN
(32) Priority Date	:08/09/2011	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)MING-WAN HSU
(86) International Application No	:NA	2)HSIAO-JU KUO
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 :

A wireless communication device for enhancing a data rate for a packet-switched (PS) data service is provided. The device comprises a processor configured to reference cell information corresponding to a first subscriber identity card to maintain mobility for a second subscriber identity card by using the referenced cell information when performing the PS data service with a first service network for the first subscriber identity card.

No. of Pages : 75 No. of Claims : 30

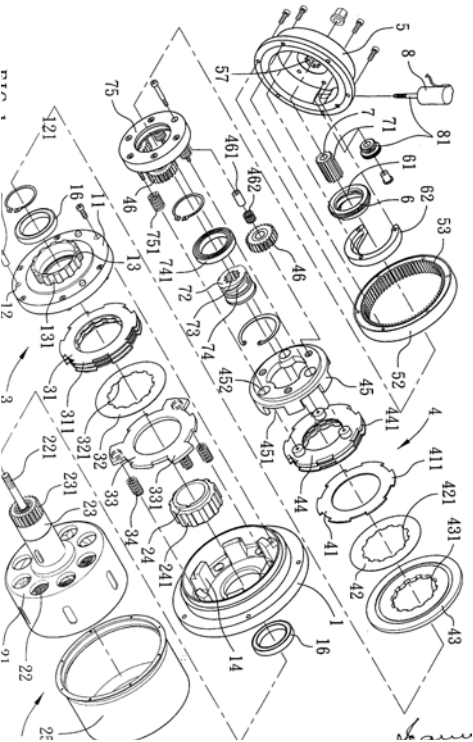
(54) Title of the invention : DRIVING SYSTEM FOR ELECTRIC VEHICLE

(51) International classification	:B60L11/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TA-YU SU
Address of Applicant :3/F., NO.212, CHUNGHSING RD.,
SEC. 3, HSINTIEN DIST., NEW TAIPEI CITY, TAIWAN,
(72)**Name of Inventor :**
1)KUO-HSIN SU

(57) Abstract :

A driving system for electric vehicle is disclosed to use a clutch switching unit for controlling a motor rotor-driven bushing 23 to rotate a wheel hub 1 via a direct-drive active clutch 3 or via a set of planet gears 46 and a reducing clutch 4. At the initial state after startup of the motor, the direct-drive active clutch 3 runs idle, enabling the wheel hub 1 to provide a low-speed high-torque output, saving power consumption. When the vehicle speed reaches a predetermined level, a control circuit drives a clutch motor 8 to move the clutch switching unit in releasing the reducing clutch 4 to idle the planet gears 46, enabling the direct-drive active clutch 3 to be switched on so that the rotor of the motor can rotate the wheel hub 1 directly to accelerate the vehicle speed.



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

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR EXTERNAL USE

(51) International classification :A61K 47/14
 (31) Priority Document No :2009-259073
 (32) Priority Date :12/11/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/070137
 Filing Date :11/11/2010
 (87) International Publication No :WO 2011/059037
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NIHON UNIVERSITY

Address of Applicant :8-24 KUDAN-MINAMI 4-CHOME,
 CHIYODA-KU, TOKYO 1028275 JAPAN

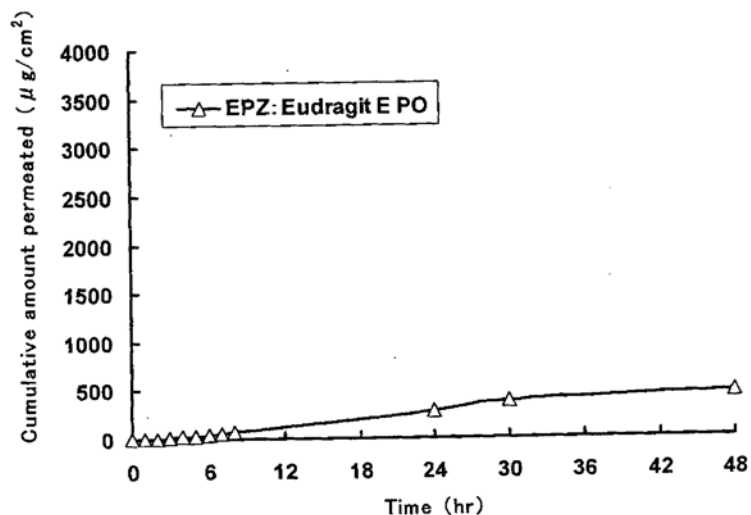
2)NIPPON ZOKI PHARMACEUTICAL CO., LTD.

(72)Name of Inventor :

1)FURUISHI, TAKAYUKI**2)TOMONO, KAZUO****3)SUZUKI, TOYOFUMI****4)FUKAMI, TOSHIRO****5)KUNIMASU, KOJI**

(57) Abstract :

The present invention relates to a pharmaceutical composition for external use which is an organogel containing a fatty acid ester and a glycerolglycerin fatty acid ester, in particular, a novel transdermally absorbable pharmaceutical composition for external use which has a drug such as non-narcotic analgesics as an active ingredient made in organogel form containing a drug such as non-narcotic analgesics as an active ingredient, a fatty acid ester and a glycerolglycerin fatty acid ester, and a method for producing the composition. The pharmaceutical composition for external use according to the present invention can significantly improve skin permeability of drugs such as non-narcotic analgesics and allows a sufficient amount of drug to permeate the skin sustainably. Moreover, since the pharmaceutical composition is in organogel form, it can be easily applied to a preparation in practice. In addition, the pharmaceutical composition can provide efficient use and the like of drugs due to a high drug release rate and therefore is highly useful.



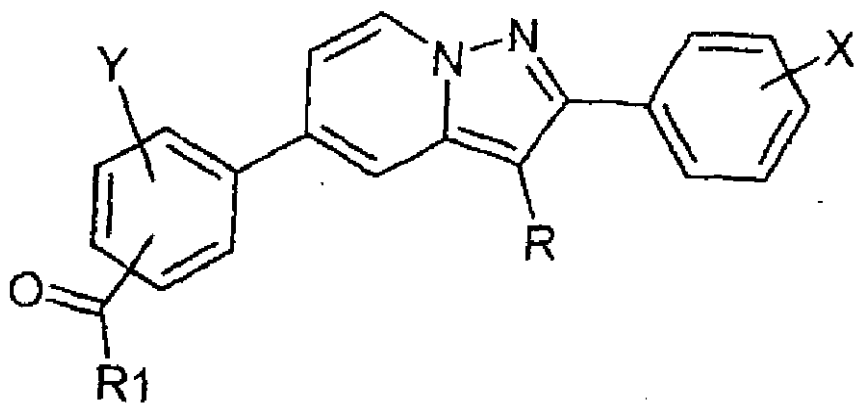
No. of Pages : 77 No. of Claims : 46

(54) Title of the invention : DIPHENYL-PYRAZOLOPYRIDINE DERIVATIVES, PREPARATION THEREOF, AND USE THEREOF AS NUCLEAR RECEPTOR NOT MODULATORS

(51) International classification	:C07D 471/04	(71)Name of Applicant :
(31) Priority Document No	:0958651	1)SANOFI
(32) Priority Date	:04/12/2009	Address of Applicant :54 RUE LA BOÉTIE F-75008 PARIS
(33) Name of priority country	:France	FRANCE
(86) International Application No	:PCT/FR2010/052605	(72)Name of Inventor :
Filing Date	:03/12/2010	1)AUGER, FLORIAN
(87) International Publication No	:WO 2011/067544	2)EVEN, LUC
(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 formula (I), in which R is a hydrogen or halogen atom or a (C1-C6) alkyl group; X is one or more substituents selected from a hydrogen or halogen atom, a (C1-C6)alkyl, halo(C1-C6)alkyl, (C1-C6)alkoxy, halo(C1-C6)alkoxy, cyano, hydroxy, or hydroxy(C1-C6)alkyl group; Y is a hydrogen or halogen atom or a (C1-C6)alkyl group; R1 is an NR₂R₃ or OR₄ group; R₂ and R₃ independently are a hydrogen atom, a (C1-C6)alkyl, hydroxy(C1-C6)alkyl or oxo(C1-C6)alkyl group or R₂ and R₃, together with the nitrogen atom supporting the same, form a heterocycle optionally substituted by a (C1-C6)alkyl, hydroxy or oxo group; and R₄ is a (C1-C6)alkyl, hydroxy(C1-C6)alkyl, or oxo(C1-C6)alkyl group, in the base or acid addition salt state. Said formula can be used therapeutically for treating or preventing diseases linked to the nuclear receptors Nurr-1, also known as NR4A2, NOT, TINUR, RNR-1, and HZF3.



(I)

No. of Pages : 39 No. of Claims : 17

(54) Title of the invention : METHOD AND APPARATUS FOR FEEDING PREHEATERS FOR GLASS MELTING INSTALLATIONS

(51) International classification :C03B 3/02
 (31) Priority Document No :10 2010 023 018.9
 (32) Priority Date :08/06/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/002678
 Filing Date :31/05/2011
 (87) International Publication No :WO 2011/154106
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BETEILIGUNGEN SORG GMBH & CO. KG

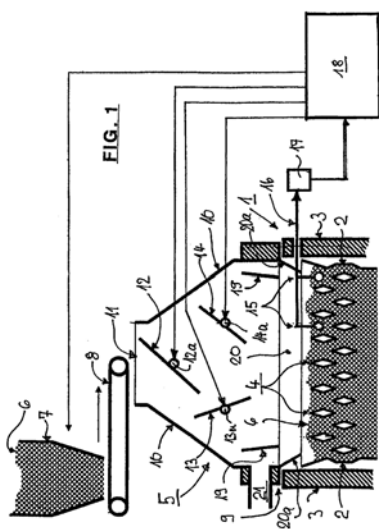
Address of Applicant :STOLTESTRAE 23, 97816 LOHR AM MAIN GERMANY

(72)Name of Inventor :

1)ROSENTHAL, JENS

(57) Abstract :

The invention relates to a method and an apparatus for feeding preheaters (1) having heating elements (4) for the feedstock (6) of glass melting installations, wherein the feedstock (6) is applied to the topmost heating elements (4) in a uniform distribution in a manner controlled by sensors (15). In order to achieve the object of specifying such a method of distributing the feedstock (6) in an extremely thin, but uniform layer thickness on and between the upper heating elements (4), thereby effectively suppressing or avoiding agglutination of particles and accumulation of the feedstock (6), it is proposed according to the invention that a) there is arranged above the topmost heating elements (4) a distributor device (5) comprising at least three pivotable distributor plates (12, 13, 14), the pivoting axes (12a, 13a, 14a) of which run in the horizontal edges of a virtual prism, wherein b) the topmost distributor plate (12) throws the feedstock (6) alternately onto one of the distributor plates (13, 14) arranged underneath, which, for its part, throws the caught feedstock (6) to one of its sides sternwards, and wherein c) the movements of the distributor plates (12, 13, 14) are controlled by sensors (15) with an evaluation and control circuit (17/18) and actuators assigned to the distributor plates (12, 13, 14) with the aim of a uniform area distribution of the feedstock (6) over the cross section of the preheater (1).



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

(54) Title of the invention : CONDOM WRAPPING

(51) International classification :A61F 6/00
 (31) Priority Document No :91622
 (32) Priority Date :13/11/2009
 (33) Name of priority country :Luxembourg
 (86) International Application No :PCT/EP2010/066755
 Filing Date :03/11/2010
 (87) International Publication No :WO 2011/057931
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SWEETGUM SARL

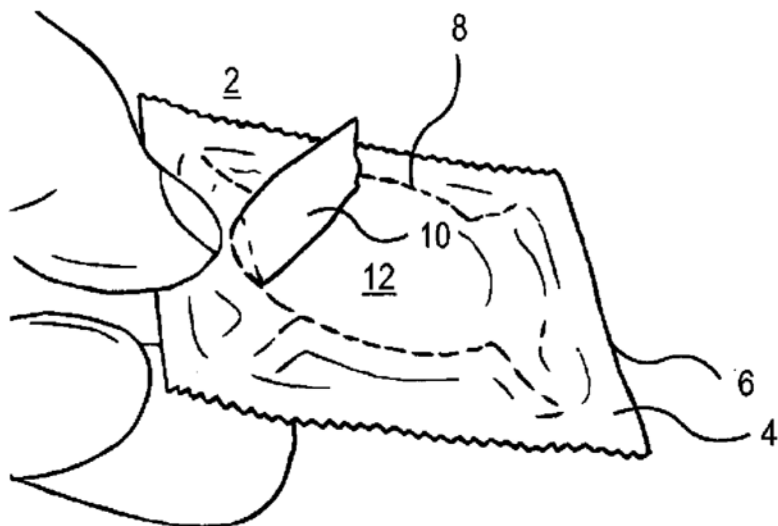
Address of Applicant :34 BOULEVARD PRINCE HENRI, L-1724 LUXEMBOURG, LUXEMBOURG

(72)Name of Inventor :

1)DE WALEFFE, XAVIER

(57) Abstract :

The invention relates to a condom wrapping including two sheets (4, 6) of a flexible film welded at the edges thereof so as to house a condom (12) in a rolled condition having an annular portion and a vessel. The sheet (4) opposite the vessel of the condom in the normal direction thereof and opposite the normal unrolling direction of the condom is provided with a line of weakening (8) in the form of a circle having a diameter slightly smaller than that of the annular portion. The area of the sheet (4) defined by the line of weakening (10) is provided with a tab (10) arranged at the edge of the line (10) such as to be used as a wrapping gripping and opening means. Once open, the wrapping exposes the condom having the vessel oriented toward the outside, whereby the condom can be gripped by the vessel in the normal direction thereof and is ready to be placed and unrolled.



No. of Pages : 13 No. of Claims : 12

(54) Title of the invention : POLYARYLENE SULFIDE RESIN COMPOSITION AND INSERT-MOLDED ARTICLE

(51) International classification :C08L 81/02
 (31) Priority Document No :2009-280278
 (32) Priority Date :10/12/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/071580
 Filing Date :02/12/2010
 (87) International Publication No :WO 2011/070968
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)POLYPLASTICS CO., LTD.

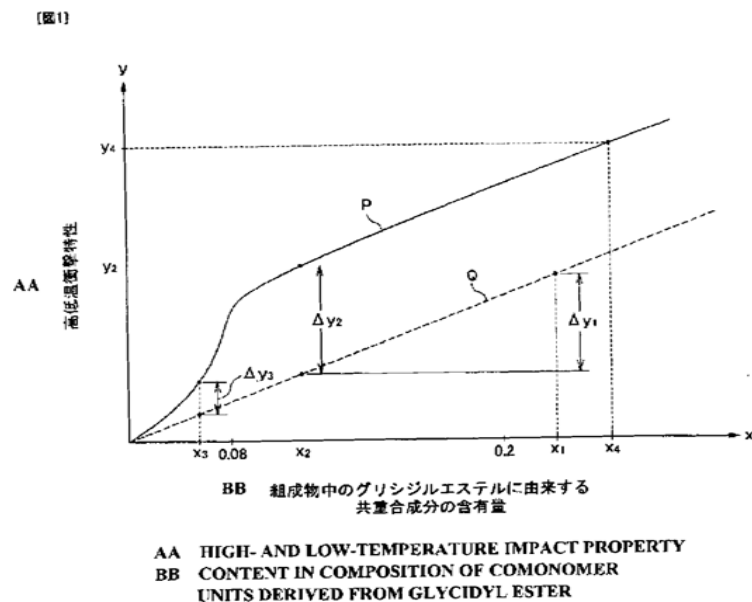
Address of Applicant :2-18-1, KONAN, MINATO-KU, TOKYO 108-8280, JAPAN

(72)Name of Inventor :

1)NISHIKAWA, RAITA**2)KANEZUKA, TATSUYA****3)ARAI, HIROKI****4)FUKASAWA, YOSHIHITO**

(57) Abstract :

Provided is a PAS resin composition with which molded articles having excellent high- and low-temperature impact properties can be obtained and which can be highly inhibited from leaving mold deposits when molded and is suitable for use in insert molding. Also provided is an insert-molded article obtained using the resin composition. The PAS resin composition comprises a PAS resin having terminal carboxy groups and an olefin copolymer, wherein the olefin copolymer comprises units of an α -olefin, the glycidyl ester of an α,β -unsaturated acid, and an acrylic ester as comonomer units, the PAS resin has a number-average molecular weight of 1,000-10,000, and the content of the comonomer units derived from the glycidyl ester in the resin composition is 0.08-0.20 mass%, the ratio of the amount of the terminal carboxy groups (mmol/kg) and the content of the comonomer units derived from the glycidyl ester (mmol/kg) being 0.35-1.00.



No. of Pages : 36 No. of Claims : 5

(54) Title of the invention : ARRANGEMENT FOR EVENING OUT POWDERY SOLID MATTER FEED OF A CONCENTRATE BURNER OF A SUSPENSION SMELTING OR SUSPENSION CONVERTING FURNACE

(51) International classification :C22B15/00,C22B5/00,F27D3/18
 (31) Priority Document No :20096313
 (32) Priority Date :11/12/2009
 (33) Name of priority country :Finland
 (86) International Application No :PCT/FI2010/051008
 Filing Date :10/12/2010
 (87) International Publication No :WO 2011/070239
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)OUTOTEC OYJ

Address of Applicant :Riihitontuntie 7 FI-02200 Espoo

FINLAND

(72)Name of Inventor :

1)SIPILÄ, Jussi

2)BJ-RKLUND, Peter

3)PELTONIEMI, Kaarle

4)PESONEN, Lauri P.

(57) Abstract :

The object of the invention is an arrangement for feeding powdery solid matter into a concentrate burner (2) of a suspension smelting or suspension converting furnace (1). The concentrate burner (2) comprises reaction gas feeding means (6), powdery solid matter feeding means (3) and a concentrate distributor (7). The arrangement comprises a first powdery solid matter discharge pipe (8) for feeding powdery solid matter into the powdery solid matter feeding means (3) of the concentrate burner (2). The first powdery solid matter discharge pipe (8) is provided with a first partition (10), which divides solid matter, for dividing the first powdery solid matter discharge pipe (8) into two essentially similar discharge pipe parts (11). The powdery solid matter feeding means (3) of the concentrate burner (2) comprise an annular concentrate discharge channel (4) that surrounds the concentrate distributor (7) of the concentrate burner. Each discharge pipe part (11) of the first powdery solid matter discharge pipe (8) is at least partly divided into two discharge pipe portions (12) by a second partition (13).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1682/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR DYNAMIC PNEUMATIC VALVE DRIVER

(51) International classification :A61F 9/007

(31) Priority Document No :61/285,243

(32) Priority Date :10/12/2009

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/056305

Filing Date :11/11/2010

(87) International Publication No :WO 2011/071655

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ALCON RESEARCH, LTD.

Address of Applicant :6201 South Freeway, TB4-8, Fort Worth, Texas 76134 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)GAO, Shawn X.

2)HOPKINS, Mark A.

(57) Abstract :

In various embodiments, a pneumatic system valve for a surgical console may be controlled by a controller configured to adjust a valve duty cycle (VDC) of the valve to reduce a difference between the valves differential pressure and a desired differential pressure. In some embodiments, average differential pressures may be detected and relayed from a pressure sensor, coupled to one or more ports of the valve, to the controller. The controller may compare the measured average differential pressure against the desired average differential pressure (e.g., received from the user). The controller may then determine a modified VDC to reduce a difference between the desired average differential pressure and the measured average differential pressure. In some embodiments, the desired average differential pressure may be determined based on input received from a user of the surgical console.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1386/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 08/03/2013

(54) Title of the invention : METHOD FOR ENHANCING PRECOCITY AND CREATING CHILD PRODIGIES OR PRODIGIOUS GENIUSES.

(51) International classification	:G09B 19/00
(31) Priority Document No	:61/281,530
(32) Priority Date	:19/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/MY2010/000286
Filing Date	:18/11/2010
(87) International Publication No	:WO 2011/062476
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CAWLEY, TOMMY JAMES VALENTINE

Address of Applicant :14 JALAN CHEMPENAI,
DAMANSARA HEIGHTS. 50490 KUALA LUMPUR (MY).
Malaysia

(72)Name of Inventor :

1)CAWLEY, TOMMY JAMES VALENTINE

2)CAWLEY, AINAN CELESTE

(57) Abstract :

There is disclosed a method for enhancing precocity in a human subject, and further for creating child prodigies, and prodigious geniuses using synaesthesia. In one embodiment of the present invention, synaesthesia maybe inherited or induced artificially.

No. of Pages : 33 No. of Claims : 29

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING LEAKAGE

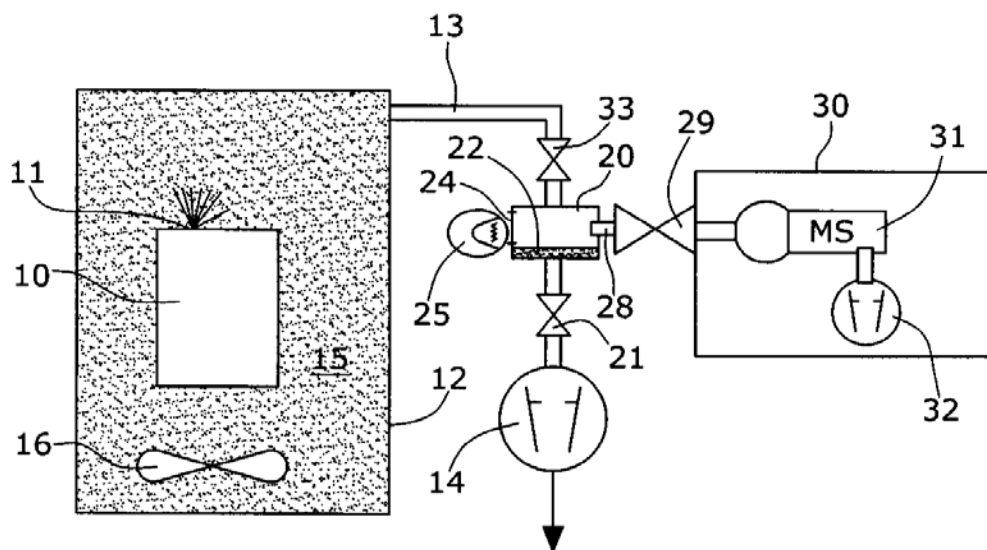
(51) International classification	:G01M 3/20
(31) Priority Document No	:102009059824.3
(32) Priority Date	:21/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065984
Filing Date	:22/10/2010
(87) International Publication No	:WO 2011/076459
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INFICON GMBH
 Address of Applicant :BONNER STRASSE 498, 50968 K-
 LN, GERMANY

(72)**Name of Inventor :**
1)GROSSE BLEY, WERNER
2)KSTER, GERHARD

(57) Abstract :

In order to determine leakage on a device (10), which contains gas that can be condensed, an adsorbent (22) is used through which ambient gas (15) of the object (10) is conducted. The adsorbed gas is desorbed by means of actuating an excitation device (25) and fed to a gas sensor (30) containing a mass spectrometer (31). In this way, minute amounts of leaking gas can be determined by means of accumulation. The method is in particular suited for use in the serial production of refrigeration machines.



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

(54) Title of the invention : VEHICLE ENGINE OIL SEAL

(51) International classification :F16J 15/32
 (31) Priority Document No :2010-051022
 (32) Priority Date :08/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/055113
 Filing Date :04/03/2011
 (87) International Publication No :WO 2011/111630
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

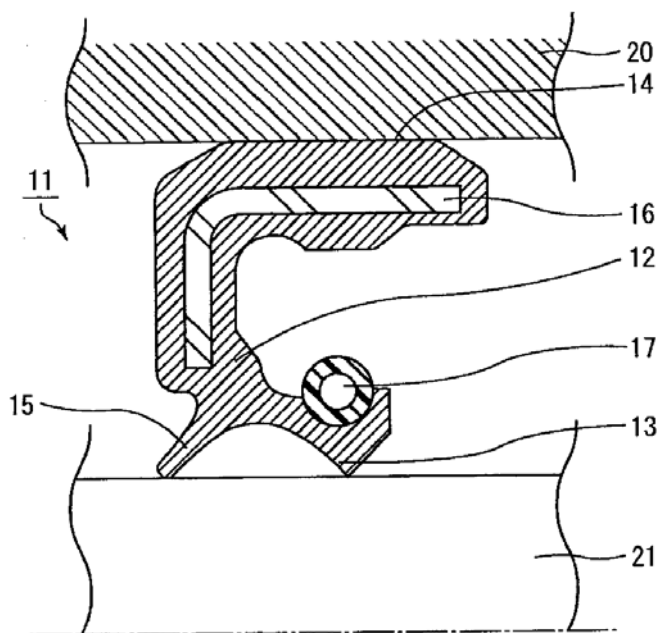
1)HONDA MOTOR CO., LTD.Address of Applicant :1-1, MINAMI AOYAMA 2-CHOME,
MINATO-KU, TOKYO 1078556, JAPAN**2)DAIKIN INDUSTRIES, LTD.**

(72)Name of Inventor :

1)OGISHI HIDETAKA**2)MIZONE TETSUYA****3)TAKEMURA KOUHEI****4)YANAGIGUCHI TOMIHIKO**

(57) Abstract :

The present invention provides a vehicle engine oil seal having excellent sliding properties over the entire rotation range of engines from a low rotation range to a high rotation range. The present invention is a vehicle engine 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 fluororesin contained in the composition, the fluororesin 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

(54) Title of the invention : TGR5 AGONISTS

(51) International classification :C07D233/64,C07D233/84,C07D403/12
(31) Priority Document No :61/284,140
(32) Priority Date :11/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045195
Filing Date :11/08/2010
(87) International Publication No :WO 2011/071565
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

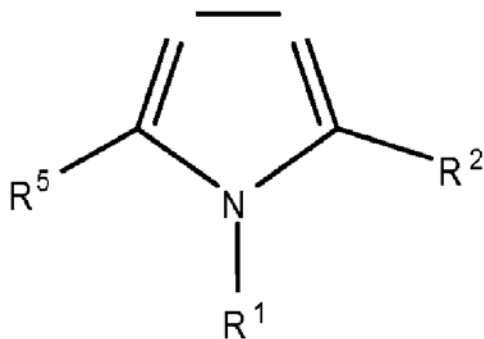
1)EXELIXIS, INC.Address of Applicant :210 East Grand Avenue, P.O. Box 511,
South San Francisco, CA 94083-0511 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)BOLLU, Venkataiah**2)BOREN, Brant, Clayton****3)DALGARD, Jackline****4)FLATT, Brenton, T.****5)HAQ, Nadia****6)HUDSON, Sarah****7)MOHAN, Raju****8)MORRISSEY, Michael****9)PRATT, Benjamin**

(57) Abstract :

TGR5 agonists of structural formula VIII(Q), wherein X, R1, R2, and R5 are defined in the specification, pharmaceutically acceptable salts thereof, compositions thereof, and use of the compounds and compositions for treating diseases. The invention also comprises use of the compounds in and for the manufacture of medicaments, particularly for treating diseases.



No. of Pages : 240 No. of Claims : 31

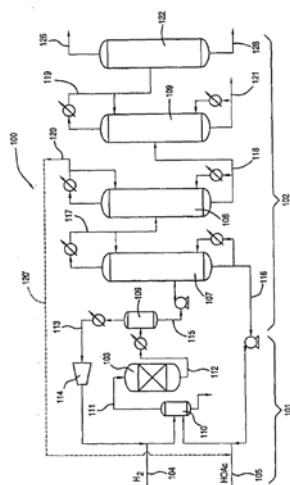
(54) Title of the invention : PROCESS FOR PRODUCING ANHYDROUS ETHANOL COMPOSITIONS

(51) International classification :C07C29/149,C07C29/80,C07C29/84
 (31) Priority Document No :61/300,815
 (32) Priority Date :02/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/023314
 Filing Date :01/02/2011
 (87) International Publication No :WO 2011/097214
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CELANESE INTERNATIONAL CORPORATION
 Address of Applicant :1601 West LBJ Freeway, Dallas, TX
 75234 UNITED STATES OF AMERICA
 (72)Name of Inventor :
1)HORTON, Trinity
2)JEVTIC, Radmila
3)JOHNSTON, Victor J.
4)SARAGER, Lincoln
5)WARNER, R. Jay
6)GRUSENDORF, Gerald

(57) Abstract :

Process for producing anhydrous ethanol compositions. The processes comprise hydrogenating acetic acid in the presence of a catalyst to form a crude ethanol product, separating in a first column a portion of the crude ethanol product into a first distillate comprising ethanol, water and ethyl acetate, and a first residue comprising acetic acid, separating in a second column a portion of the first distillate into a second distillate comprising ethyl acetate and a second residue comprising ethanol and water, separating in a third column a portion of the second residue into a third distillate comprising ethanol and residual water and a third residue comprising separated water, and dehydrating a portion of the third distillate to form the anhydrous ethanol composition. The anhydrous ethanol composition, as formed, comprises less than 1 wt.% water, based on the total weight of the anhydrous ethanol composition.



No. of Pages : 33 No. of Claims : 9

(54) Title of the invention : METHOD AND SYSTEM FOR CONDENSING WATER VAPOUR FROM A CARBON DIOXIDE RICH FLUE GAS

(51) International classification :B01D 53/26
 (31) Priority Document No :09178060.1
 (32) Priority Date :04/12/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/IB2010/002728
 Filing Date :26/10/2010
 (87) International Publication No :WO 2011/067639
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :BROWN BOVERI STRASSE 7, 5400
 BADEN, SWITZERLAND

(72)Name of Inventor :

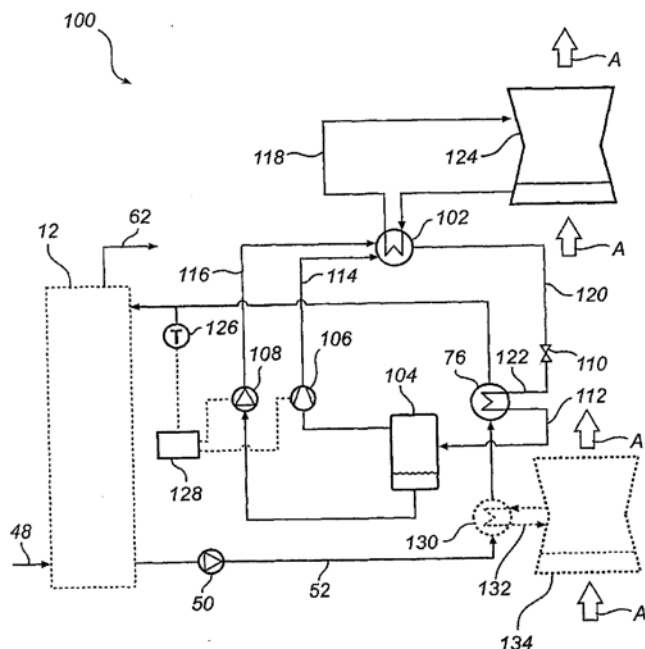
1)...HMAN, STEFAN, O., H.

2)GRUBBST-R-M, J-RGEN, P.

3)WANG, WUYIN

(57) Abstract :

A gas cleaning system is operative for removing water vapour from a carbon dioxide rich flue gas generated in a boiler combusting a fuel in the presence of a gas containing oxygen gas. The gas cleaning system comprises a flue gas condenser (12) being operative for condensing water from at least a portion of the carbon dioxide rich flue gas generated in the boiler by bringing the carbon dioxide rich flue gas into contact with a circulating cooling liquid, thereby generating a cleaned carbon dioxide rich flue gas having a lower concentration of water vapour than the carbon dioxide rich flue gas leaving the boiler. The gas cleaning system comprises a heat pump (100) being operative for absorbing heat at a first temperature from the cooling liquid, and for desorbing heat at a second temperature, being higher than the first temperature, to a heat sink (124).



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

(54) Title of the invention : PREPARATION AND USE OF A CATALYST FOR PRODUCING ETHANOL COMPRISING A CRYSTALLINE SUPPORT MODIFIER

(51) International classification :B01J21/08,B01J23/62,B01J21/16
 (31) Priority Document No :61/300,810
 (32) Priority Date :02/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/023379
 Filing Date :01/02/2011
 (87) International Publication No :WO 2011/097246
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CELANESE INTERNATIONAL CORPORATION

Address of Applicant :1601 West LBJ Freeway, Dallas, TX
 75234 UNITED STATES OF AMERICA

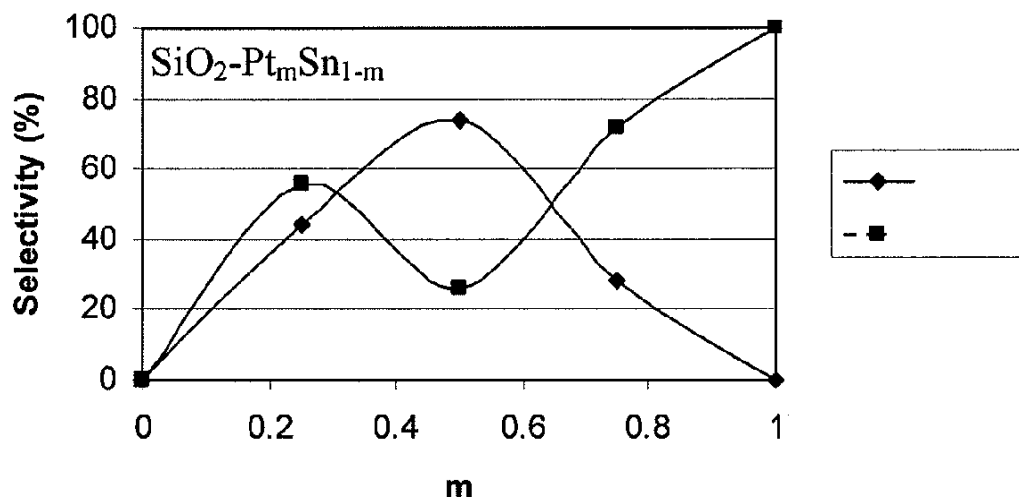
(72)Name of Inventor :

1)WEINER, Heiko

2)JOHNSTON, VICTOR,J.

(57) Abstract :

A catalyst comprising a first metal, a siliceous support, and at least one metasilicate support modifier, wherein at least 1 wt.% of the at least one metasilicate support modifier is crystalline in phase, as determined by x ray diffraction. The invention also relates to processes for forming such catalysts, to supports used therein, and to processes for hydrogenating acetic acid in the presence of such catalysts.



No. of Pages : 41 No. of Claims : 82

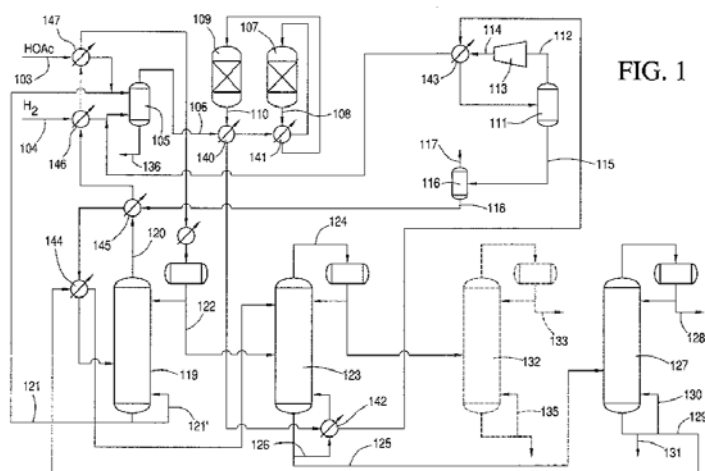
(54) Title of the invention : PROCESS FOR HEAT INTEGRATION FOR ETHANOL PRODUCTION AND PURIFICATION PROCESS

(51) International classification :C07C29/149,C07C29/80,C07C31/08
 (31) Priority Document No :61/300,815
 (32) Priority Date :02/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/023305
 Filing Date :01/02/2011
 (87) International Publication No :WO 2011/097208
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CELANESE INTERNATIONAL CORPORATION
 Address of Applicant :1601 West LBJ Freeway, Dallas, TX
 75234 UNITED STATES OF AMERICA
 (72)Name of Inventor :
1)POWELL, Nathan Kirk
2)ROUNDY, Samuel
3)SARAGER, Lincoln
4)VIARD, Murray
5)WARNER, R. Jay
6)GRUSENDORF, Gerald
7)JEVTIC, Radmila
8)JOHNSTON, Victor J.
9)OLSSON, Fred Ronald

(57) Abstract :

Ethanol production from the hydrogenation of acetic acid requires energy to drive the hydrogenation reaction and the purification of the crude ethanol product. Heat integration process to recover heat from one part of the production process to be used within the process improves efficiencies and reduces costs.



No. of Pages : 37 No. of Claims : 30

(54) Title of the invention : FLEXIBLE PACKAGE FOR LIQUID PRODUCTS

(51) International classification :B65D33/00,B65D75/00,B65D75/52
 (31) Priority Document No :MI2010A000205
 (32) Priority Date :11/02/2010
 (33) Name of priority country:Italy
 (86) International Application No :PCT/EP2011/051132
 Filing Date :27/01/2011
 (87) International Publication No :WO 2011/098360
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GOGLIO S.P.A.

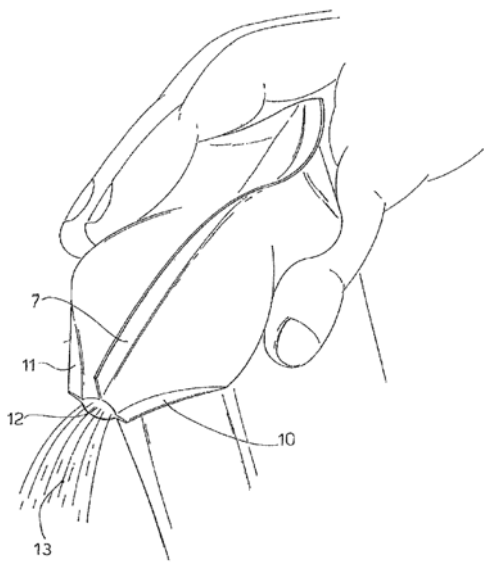
Address of Applicant :Via Andrea Solari 10, I-20144 Milano ITALY

(72)Name of Inventor :

1)GOGLIO, Franco

(57) Abstract :

A description is given of a package (1, 1) in flexible material for liquid, pasty products or the like, closed above by a linear head weld (7) which joins two opposed walls (4, 5), at which a pair of opposed welds (10, 11) is provided, in proximity of at least one upper corner (8) of the package, these opposed welds (10, 11) tending to meet at the centre line of the package and determining a flattening of the corresponding upper corner (8).



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

(54) Title of the invention : ADVERTISING SYSTEM AND METHOD AND DISPLAY TAG ARRANGEMENT FOR USE THEREWITH

(51) International classification :G06K 19/00
 (31) Priority Document No :12/642,918
 (32) Priority Date :21/12/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/060379
 Filing Date :15/12/2010
 (87) International Publication No :WO 2011/084440
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)AVERY DENNISON CORPORATION

Address of Applicant :150 N. Orange Grove Blvd. Pasadena, CA 91103 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)DUNN, Joshua

2)EHRENHALT, Caradoc

3)HEIMBOLD, Keith

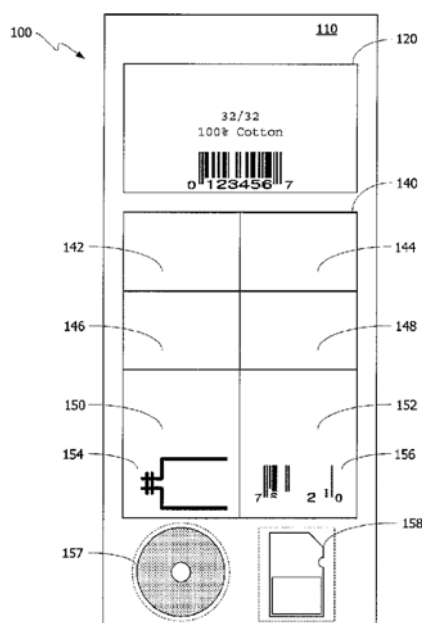
4)MACAULAY, Kim, P.

5)BROWNFIELD, Alexandra

6)UPSHUR, Tom

(57) Abstract :

A product announcement and merchandizing device and system is provided and includes a system and method for matching or merging a first product with one or more distinct products or services and displaying that merged message through use of a hang tag or an article identifier arrangement. The hang tag or article identifier has first and second sections with one or more individually operable and distinct fields. The system can actuate a message or other response in connection with receiving a particular signal or as part of an advertising campaign.



No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1780/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : METHODS FOR THE PURIFICATION OF DEOXYCHOLIC ACID

(51) International classification	:C07J 21/00
(31) Priority Document No	:61/288,132
(32) Priority Date	:18/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/061150
Filing Date	:17/12/2010
(87) International Publication No	:WO 2011/075701
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KYTHERA BIOPHARMACEUTICALS, INC.

Address of Applicant :27200 West Agoura Road Suite 200,
Calabasas California 91301 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MORIARTY, Robert M.

2)REID, John Gregory

3)SWARINGEN Jr., Roy A.

(57) Abstract :

Synthetic methods for preparing deoxycholic acid and intermediates thereof high purity synthetic deoxycholic acid compositions and methods of use are provided. Also provided are processes for the synthesis of 12 keto or 12 α hydroxysteroids from Δ -9,11-ene 11-keto or 11- hydroxy--steroids. This invention is also directed to novel compounds prepared during the synthesis. This invention is also directed to the synthesis of deoxycholic acid starting from hydrocortisone.

No. of Pages : 170 No. of Claims : 64

(54) Title of the invention : SUBSEA CAP

(51) International classification :E21B 23/02
 (31) Priority Document No :2010 0012
 (32) Priority Date :07/01/2010
 (33) Name of priority country :Norway
 (86) International Application No :PCT/NO2011/000005
 Filing Date :07/01/2011
 (87) International Publication No :WO 2011/084067
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)AKER SUBSEA AS

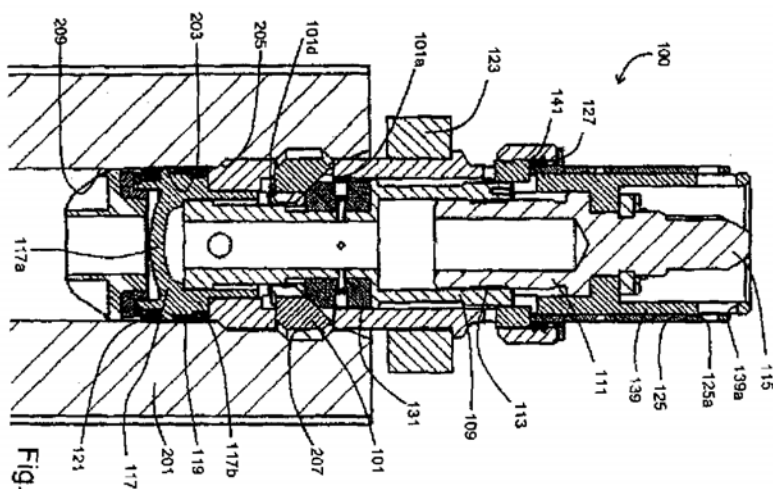
Address of Applicant :POSTBOKS 94, 1325 LYSAKER, NORWAY

(72)Name of Inventor :

1)KEKARAINEN, JARMO

(57) Abstract :

Cap (100) comprising a stinger adapted to be inserted into a bore (203) of a subsea well element (200), said stinger comprising locking means (101) for locking to an profile (207) in said bore, which locking means comprises a plurality of locking dogs (101) which exhibit a large inclination face (101a) and a small inclination face (101b, 101c), and which are adapted to be actuated in a radial direction by an actuation sleeve (109). The small inclination face is divided by a slot, in which slot the large inclination face is arranged, wherein a cam (131) arranged on the actuation sleeve is adapted to extend into said slot; or, the small inclination face is divided by a cam arranged on the locking dog, on which the large inclination face (131a) is arranged, which cam is adapted to extend into a slot in the actuation sleeve.



No. of Pages : 26 No. of Claims : 6

(54) Title of the invention : PROCESS FOR MAXIMIZING ETHANOL FORMATION IN THE HYDROGENATION OF ACETIC ACID

(51) International classification :C07C29/149,C07C29/76,C07C29/80
 (31) Priority Document No :61/300,815
 (32) Priority Date :02/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/023273
 Filing Date :01/02/2011
 (87) International Publication No :WO 2011/097190
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CELANESE INTERNATIONAL CORPORATION

Address of Applicant :1601 West LBJ Freeway, Dallas, TX
 75234 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)HORTON, Trinity

2)JEVTIC, Radmila

3)JOHNSTON, Victor J.

4)PAN, Tianshu

5)WARNER, R. Jay

6)WEINER, Heiko

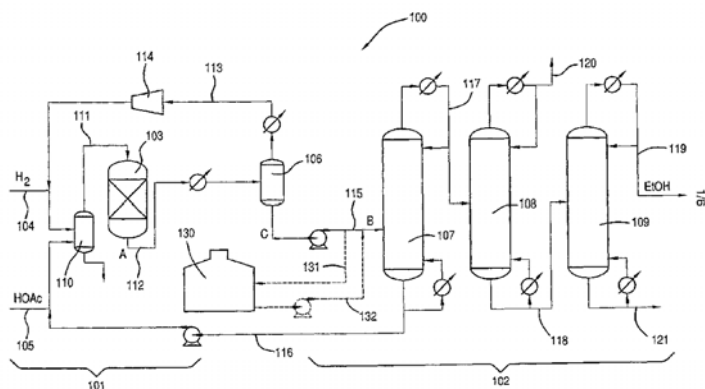
7)BOWER, Nathan

8)CHAPMAN, Josefina T.

9)GRUSENDORF, Gerald

(57) Abstract :

A process for purifying a crude ethanol product to reduce formation of byproduct and maximize production of ethanol. The process comprises the step of hydrogenating acetic acid in a reactor in the presence of a catalyst to form the crude ethanol product. The process further comprises the step of separating at least a portion of the crude ethanol product in a purification zone. The purification zone preferably comprises a first column, which yields a first distillate comprising ethanol, water and ethyl acetate, and a first residue comprising acetic acid. The portion of the crude ethanol product has a residence time from the reactor to the purification zone from 5 minutes to 5 days.



No. of Pages : 39 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1779/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : REPORTING OF CHANNEL STATE INFORMATION

(51) International classification	:H04L1/06
(31) Priority Document No	:SE1000015-6
(32) Priority Date	:08/01/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/CN2010/079938
Filing Date	:17/12/2010
(87) International Publication No	:WO 2011/082626
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
Address of Applicant :Huawei Administration Building,
Bantian, Longgang District, Shenzhen, Guangdong 518129, P.R.
CHINA
(72)**Name of Inventor :**
1)FRENNE, Mattias
2)LIU, Jianghua

(57) Abstract :

Reporting of channel state information (CSI) between a transmit node (TN) and a receive node (RN) in wireless communications is disclosed. For a TN being arranged for multiple transmit antenna transmissions and the CSI being represented by K matrix/matrices, W1, from a codebook, C, comprising a plurality of matrices; wherein each matrix in said codebook, C, represents a state for the multi-antenna channel from the TN to the RN, $K \geq 1$ and $i = 0 \dots K - 1$; a first sub-index, K1, and at least one second sub-index, K2, are reported for each one of the K matrix/matrices, W1, wherein each one of the K matrix/matrices, W1, is indexed by the first and second sub-indices, and the first and second sub-indices have different time-frequency reporting granularity.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1783/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SAMPLE ANALYSIS DEVICE

(51) International classification :G01N35/02,G01N33/543
(31) Priority Document No :2010-010836
(32) Priority Date :21/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050470
Filing Date :13/01/2011
(87) International Publication No :WO 2011/089966
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SYSMEX CORPORATION

Address of Applicant :5-1, Wakinohama-Kaigandori 1-chome,
Chuo-ku, Kobe-shi, Hyogo 651-0073 JAPAN

(72)Name of Inventor :

1)MOTOTSU, Kazunori

(57) Abstract :

Disclosed is a sample analysis device provided with a first sample treatment unit which is disposed in a first hierarchy and performs some of a plurality of treatment steps on a sample in a container, a second sample treatment unit which is disposed in a second hierarchy located above or below the first hierarchy and performs at least some other treatment steps among the plurality of treatment steps on the sample in the container, on which some of the plurality of treatment steps were performed, and a container transfer unit which transfers the container on which some of the treatment steps were performed from the first hierarchy to the second hierarchy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1784/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : USAGE CONTROL OF DIGITAL DATA EXCHANGED BETWEEN TERMINALS OF A TELECOMMUNICATIONS NETWORK

(51) International classification :H04L29/06,H04L29/08,G06F21/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/067847
Filing Date :23/12/2009
(87) International Publication No :WO 2011/076274
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
Address of Applicant :S-164 83 Stockholm, Sweden
(72)Name of Inventor :
1)CATREIN, Daniel
2)HARTUNG, Frank
3)CHENG, Yi

(57) Abstract :

The invention refers to a method of supporting a sending user device (14) to enforcing a usage control of digital content embedded in a content object CO, wherein a rights object, RO, associated to the CO is required for using the digital content of the CO at a receiving user device (16), the method comprising generating at the sending user device (14) a encryption information for decrypting the encrypted digital content and inserting the decryption information into the RO, and sending the RO to a rights management server (12) to be forwarded to the receiving user device (16). The invention further refers to a corresponding method of receiving at a rights management server (12) a rights object generation request to be forwarded to the receiving user device (16), and to a corresponding user device server and a corresponding server.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1785/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : HYDRAULIC DAMPER

(51) International classification	:F16F9/32,B60G13/08
(31) Priority Document No	:2009-290947
(32) Priority Date	:22/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059010
Filing Date	:27/05/2010
(87) International Publication No	:WO 2011/077768
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHOWA CORPORATION

Address of Applicant :14-1, Fujiwara-cho 1-chome, Gyodashi, Saitama 3618506 JAPAN

(72)Name of Inventor :

1)FUJITA, Nobuaki

(57) Abstract :

Disclosed is a hydraulic damper (10) wherein a spring guide (30) is comprised of a cylindrical body (31) fit on the outer periphery of a damper cylinder (11); a centering guide portion (33) for centering the cylindrical body (31) with respect to the outer periphery of the damper cylinder (11) is formed on a part of the inner peripheral surface of the cylindrical body (31); and a spring guide portion (35) for guiding a suspension spring (13) via a narrow gap between the spring guide portion and the inner periphery of the suspension spring (13) is formed on a part of the outer peripheral surface of the cylindrical body (31).

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1786/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM, RADIO BASE STATION AND MOBILE STATION

(51) International classification :H04W56/00,H04W74/08,H04W76/06
(31) Priority Document No :2010-003378
(32) Priority Date :08/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050216
Filing Date :07/01/2011
(87) International Publication No :WO 2011/083865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO, INC.
Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku,
Tokyo 100-6150 JAPAN
(72)**Name of Inventor :**
1)IWAMURA, Mikio
2)UMESH, Anil

(57) Abstract :

A mobile communication system, which is arranged that a mobile station (UE) performing CA transmit upstream data signals to a radio base station (eNB) by use of a plurality of component carriers having different carrier frequencies, comprises: a TA timer managing unit (13/23) configured to manage a TA timer corresponding to the plurality of component carriers; and a status managing unit (14/24) configured to manage the status of the plurality of component carriers. The status managing unit (14/24) is further configured to regard, as an asynchronous state, the status of the component carriers for which the TA timer expires.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1787/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : WATER-IN-OIL-EMULSION COMPOSITIONS AND METHODS FOR MAKING AND USING THE SAME

(51) International classification :B01F17/00,C01F7/06
(31) Priority Document No :61/303,972
(32) Priority Date :12/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023866
Filing Date :07/02/2011
(87) International Publication No :WO 2011/100183
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CYTEC TECHNOLOGY CORP.
Address of Applicant :300 Delaware Avenue Wilmington,
DELAWARE 19801 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)CHEN, Haunn-Lin (Tony)
2)CYWAR, Douglas A.
3)DAVIS, Matthew J.
4)LEWELLYN, Morris

(57) Abstract :

The suspended solids content of a process stream in a process for producing alumina is reduced by contacting the stream with silicon-containing polymers provided by water in-oil compositions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1797/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : IMPLEMENTATION METHOD AND OPERATOR SERVER FOR MOBILE BANKING

(51) International classification :H04M11/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2010/071571

Filing Date :06/04/2010

(87) International Publication No :WO 2011/124016

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE Plaza, Keji Road South, Hi Tech Industrial Park, Nanshan, Shenzhen, Guangdong 518057, CHINA

(72)Name of Inventor :

1)HU, Zhirao

2)WANG, Xiaodong

3)YANG, Mingwei

4)CHEN, Li

(57) Abstract :

A method for implementing mobile phone bank provided in the present invention comprises that an account management module registers the number of an agent terminal as an agent account and registers the number of a depositors mobile phone terminal as a depositor account and records the agent account and the depositor account into the database; an analyzing processing module receives a transaction request transmitted from the agent terminal or the depositors mobile phone terminal and analyzes the transaction request; a transaction processing module performs an accounting processing according to the transaction request and transmits the result of the accounting processing to the agent terminal or the depositors mobile phone terminal through the analyzing processing module. An operator server is also provided in the present invention. By the method and the operator server in the present invention mobile phone users can perform the service of deposit withdrawal transferring between accounts and paying etc. by the mobile phones.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1798/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : TOOL-PROTECTIVE CASE FOR MACHANICAL CONNECTOR

(51) International classification	:G02B6/36
(31) Priority Document No	:10-2010-0123275
(32) Priority Date	:06/12/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/009357
Filing Date	:05/12/2011
(87) International Publication No	:WO 2012/077948
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)A.J. WORLD CO. LTD.

Address of Applicant :A.J. WORLD BLDG., 725-26,
Yeoksam-dong, Gangnam-gu, Seoul 135-080, REPUBLIC OF
KOREA

(72)Name of Inventor :

1)CHOI, An Joon

(57) Abstract :

Disclosed is a mechanical optical fiber connector for connecting optical fibers to one another. The mechanical connector includes: an optical fiber connection base including: a plurality of insertion parts arranged in the longitudinally opposite sides of the optical fiber connection base, each of the insertion parts having an insertion bore at the center thereof, so that an optical cable can be inserted into the insertion bore; and an optical fiber connection part arranged between and integrally formed with the insertion parts and having, at the center thereof, an optical fiber connection slot extending along the longitudinal direction; a base cover member engaged with the optical fiber connection base to cover the optical fiber connection part, the base cover member being adapted to press optical fibers connected within the optical fiber connection slot; and at least one anchoring clamp elastically engaged with the peripheral surfaces of the optical fiber connection base and the base cover member to anchor the base cover member to the optical fiber connection base. In accordance with the present invention optical fibers can be safely introduced into an optical fiber connection groove formed in the center of the mechanical connector when optical fibers are introduced into the mechanical connector the connected optical fibers can be clamped without needing a separate instrument the connected condition of the optical fibers cannot be released easily and the mechanical connector can be simply and conveniently disassembled and reassembled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1781/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF MONTELUKAST AND SALTS THEREOF

(51) International classification :C07D215/18

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/009249

Filing Date :23/12/2009

(87) International Publication No :WO 2011/076237

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PHARMATHEN S.A.

Address of Applicant :6 Dervenakion Str., GR-153 51 Pallini
Attikis, GREECE

(72)Name of Inventor :

1)KOFTIS, Theoharis,V

2)SONI, Rohit, Ravikant

(57) Abstract :

The present invention relates to an improved process for the preparation of Montelukast and pharmaceutical acceptable salts or derivatives thereof in particular to a process for large scale production of Montelukast and salts thereof in high yield and high purity and pharmaceutical preparations containing said compounds.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1782/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : DEVICE FOR CUTTING THE HUMAN CORNEA

(51) International classification	:A61F9/01
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/000393
Filing Date	:22/01/2010
(87) International Publication No	:WO 2011/088848
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WAVELIGHT GMBH
Address of Applicant :Am Wolfsmantel 5, 91058 Erlangen,
GERMANY
(72)**Name of Inventor :**
1)DONITZKY, Christof
2)WOELFEL, Mathias

(57) Abstract :

The invention relates to a device for cutting the human cornea using a focused,pulsed femtosecond laser beam comprises scanner components for adjusting the location of the beam focus,a control computer for controlling the scanner components,and a control program for the control computer. The control program contains instructions that are designed to cause a cutting pattern comprising a flap cut (38,40) to be produced in the cornea when said instructions are executed by the control computer. According to the invention the cutting pattern further comprises an auxiliary cut (50) that is connected to the flap cut and that leads preferably directly from the flap cut to the cornea surface. The auxiliary cut is advantageously produced before the flap cut and forms a purging channel through which gases that can develop while the flap cut is being cut can escape.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1793/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : TREATMENT OF NOX/SOX SCRUBBER WATER ONBOARD SHIPS, RE-CIRCULATION CLEANING TO MINIMISE PROCESS PROBLEMS AND BLEED-OFF CLEANING TO FULFIL IMO DIRECTIVE FOR OVERBOARD DISCHARGE

(51) International classification:C02F1/38,B01D47/00,B01D53/14

(31) Priority Document No :10154682.8

(32) Priority Date :25/02/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/052742

Filing Date :24/02/2011

(87) International Publication No :WO 2011/104302

(61) 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

Address of Applicant :P.O. Box 73, SE-221 00, Lund Sweden

(72)Name of Inventor :

1)K-NIGSSON, Staffan

2)SUNDQUIST, Lena

(57) Abstract :

The present invention relates to an exhaust gas cleaning equipment comprising a gas scrubber (1) and a scrubber fluid cleaning equipment for cleaning polluted scrubber fluid. The scrubber fluid cleaning equipment comprises a centrifugal separator (9) for separating at least a pollutant phase and a cleaned scrubber fluid from said polluted scrubber fluid. The centrifugal separator has a rotor (11) enclosing a separation space (12) with a stack of separating discs (13) a separator inlet (8) for polluted scrubber fluid extending into said separation space a first separator outlet (14) for cleaned scrubber fluid extending from said separation space and a second separator outlet (15) for the pollutant phase extending from said separation space. The present invention further relates to a method for cleaning polluted scrubber fluid.

No. of Pages : 31 No. of Claims : 19

(54) Title of the invention : GAS-INSULATED SWITCHGEAR

(51) International classification :H02B13/02,H01H33/64
 (31) Priority Document No :2010-004209
 (32) Priority Date :12/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/000099
 Filing Date :12/01/2011
 (87) International Publication No :WO 2011/086902
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA TOSHIBAAddress of Applicant :1-1, Shibaura 1-chome, Minato-ku,
Tokyo 105-8001 JAPAN

(72)Name of Inventor :

1)SHIRAI Hideaki**2)NAKANO Osamu****3)TAKEI Masafumi****4)FUJIWARA Kaneharu****5)SHIIKI Motoharu**

(57) Abstract :

Provided is a gas insulated switchgear which has a small frictional force and a small wear volume in a slide portion and is capable of maintaining the state of having the small frictional force and the small wear volume for a long period of time. In a container of a bus-integrated disconnection switch (27) of the gas insulated switchgear (10), an insulation gas is contained, and a movable side contact portion (31), a fixed side contact portion (32), and a movable contact unit (33) are provided, to constitute a disconnection portion (30). A hard carbon film (50) is formed on an outer circumferential surface of the movable contact unit (33) excluding a part where the movable contact unit (33) is in contact with a contact point terminal (32a) of the fixed side contact portion (32) in the state in which the movable contact unit (33) is inserted into the fixed side contact portion (32) and electrically connected therewith and a part where the movable contact unit (33) is in contact with a contact point terminal (31a) of the movable side contact portion (31) in the state where in which the movable contact unit (33) is electrically shut off.

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

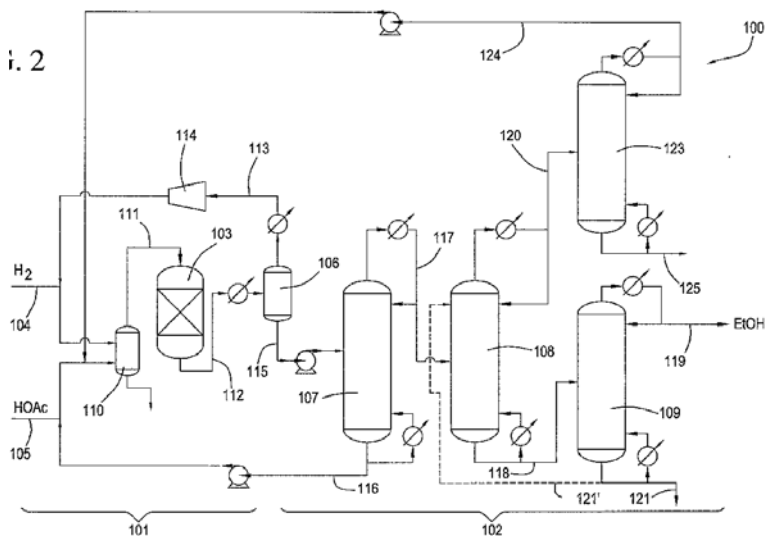
(54) Title of the invention : ETHANOL COMPOSITIONS

(51) International classification :C07C29/149,C07C31/08,C07C31/10
 (31) Priority Document No :61/300,815
 (32) Priority Date :02/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/023278
 Filing Date :01/02/2011
 (87) International Publication No :WO 2011/097194
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)CELANESE INTERNATIONAL CORPORATION
 Address of Applicant :1601 West LBJ Freeway, Dallas, TX 75234-6034, U.S.A.
 (72)Name of Inventor :
1)HORTON, Trinity
2)JEVTIC, Radmila
3)JOHNSTON, Victor J.
4)SARAGER, Lincoln
5)WARNER, R. Jay
6)WEINER, Heiko

(57) Abstract :

An ethanol composition comprising at least 92 wt.% ethanol and from 95 wppm to 1,000 wppm isopropanol.



No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1774/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PYRAZOLOPYRAZINE KINASE INHIBITORS

(51) International classification :C07D487/04,A61K31/4985,A61P37/00
(31) Priority Document No :61/298,665
(32) Priority Date :27/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022543
Filing Date :26/01/2011
(87) International Publication No :WO 2011/094288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VERTEX PHARMACEUTICALS INCORPORATED
Address of Applicant :130 Waverly Street, Cambridge, MA
02139 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)JIMENEZ, Juan-Miguel
2)SETTIMO, Luca
3)FRAYSSE, Damien
4)BRENCHLEY, Guy
5)DAVIS, John, Christopher
6)MILLER, Andrew, W.

(57) Abstract :

The present invention relates to pyrazolopyrazine compounds useful as inhibitors of protein kinase specially PKC theta. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders. The invention also provides processes for preparing compounds of the inventions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1775/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : TREATMENT WITH VB-201

(51) International classification :A01N57/00

(31) Priority Document No :61/292,226

(32) Priority Date :05/01/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2011/000008

Filing Date :05/01/2011

(87) International Publication No :WO 2011/083465

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)VASCULAR BIOGENICS LTD.

Address of Applicant :6 Yoni Netanyahu Street, 60376 Or
Yehuda ISRAEL

(72)Name of Inventor :

1)COHEN, Yael

2)SHER, Naamit

3)MENDEL, Itzhak

4)YACOV, Niva

5)BREITBART, Eyal

(57) Abstract :

Unit dosage forms comprising between 1 mg and 100 mg VB-201 and a pharmaceutically acceptable carrier, and formulated for oral administration, are disclosed herein, as well as treatment regimens comprising oral administration of VB-201 once or twice daily for treating an inflammatory disease or disorder.

No. of Pages : 62 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1776/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : METHOD AND MACHINE FOR LABELLING BUNCHES OF CLOTHS

(51) International classification	:B65C5/00,B65C5/02	(71)Name of Applicant :
(31) Priority Document No	:BS2010A000024	1)MORGAN TECNICA S.P.A.
(32) Priority Date	:11/02/2010	Address of Applicant :Via Lavoro e Industria, 36, I-25030
(33) Name of priority country	:Italy	Coccaglio ITALY
(86) International Application No	:PCT/IB2011/050446	(72)Name of Inventor :
Filing Date	:02/02/2011	1)GIACHETTI, Fabrizio
(87) International Publication No	:WO 2011/098934	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method comprises the steps of arranging a bunch of cloths stacked onto one another; taking a label (4) containing a respective identifying code of the upper cloth (30) of the bunch, laying onto the label one end (23), provided with a cavity, of a gripping element (21) and creating in the cavity a pressure lower than an ambient pressure, so that the label obstructs the cavity; laying the label onto a labelling area (3b) of the upper cloth, and fixing the label to the upper cloth; moving the labelling area (3b) of the upper cloth by shifting the gripping element (21), maintaining in the cavity a pressure lower than an ambient pressure; increasing pressure in the cavity of the gripping element until the label gets off it, so that the labelling area (3b) of the upper cloth (30) reaches a firm position away from the respective labelling area (3b) of a cloth (31) lying directly below the upper cloth, so as to enable a subsequent application of a respective label (4) onto the respective labelling area (3b) of the cloth (31) lying directly below.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1777/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PERSONAL WATER FILTRATION

(51) International classification :C02F1/44,C02F1/28,B01D35/02
(31) Priority Document No :12/687,050
(32) Priority Date :13/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021151
Filing Date :13/01/2011
(87) International Publication No:WO 2011/088221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)OZOLAB

Address of Applicant :466 Broome Street, 2nd Floor, New York, NY 10013 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)HARRIS, Jordan

2)ROGERS, Roo

3)BEHAR, Yves

4)MORENSTEIN, Joshua

5)BEAULIEU, Serge

6)OLSON, Jennifer

(57) Abstract :

A portable vessel for fluids has an integrated filtration system. A pressing assembly fitted to the vessel includes a stopper, a rod having a top end and a filtration assembly. A vessel top receives the pressing assembly such that the rod of the pressing assembly is slidably attached to a bearing of the vessel top. A gasket attached to the filtration element maintains a seal between the inner surface of the vessel and an outer perimeter of the filtration assembly and the orientation of the rod is maintained by the gasket and the bearing. In use, pressure applied to the pressing assembly drives the filtration assembly through the vessel causing water to be filtered as it passes through the filter element.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1801/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : ANHYDROUS COMPOSITION COMPRISING A DISSOLVED PESTICIDE AND A SUSPENDED PESTICIDE, ALKYL LACTATE AND ALCOHOL

(51) International classification :A01N25/02,A01N25/04,A01N37/34
(31) Priority Document No :10153451.9
(32) Priority Date :12/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/051733
Filing Date :07/02/2011
(87) International Publication No :WO 2011/098419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF SE
Address of Applicant :67056 Ludwigshafen GERMANY
(72)**Name of Inventor :**
1)MERTOGLU, Murat
2)MAYER, Winfried
3)STROBEL, Dieter
4)BERGHAUS, Rainer
5)STRATHMANN, Siegfried

(57) Abstract :

The invention relates to an anhydrous formulation comprising: a) a first pesticide in a dissolved form b) a second pesticide in the form of suspended particles, c) an alkyl lactate, and d) an alcohol. The invention also relates to a method for controlling phytopathogenic fungi and/or unwanted plant growth and/or unwanted insect or acaride infestations and/or for regulating the growth of plants. Said formulation is left to act on the respective pests on the habitat thereof or on the plants to be protected from the respective pests on the ground and/or on unwanted plants and/or the useful plants and/or the habitat thereof. The invention also relates to the use of the formulation for increasing the resistance to rain of the applied pesticides.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1799/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : NOVEL S-NITROSOGLUTATHIONE REDUCTASE INHIBITORS

(51) International classification	:A01N43/16
(31) Priority Document No	:61/303,952
(32) Priority Date	:12/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/024353
Filing Date	:10/02/2011
(87) International Publication No	:WO 2011/100433
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)N30 PHARMACEUTICALS, LLC
Address of Applicant :3122 Sterling Circle, Boulder, Colorado
80301 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SUN, Xicheng
2)QIU, Jian

(57) Abstract :

The present invention is directed to inhibitors of S-nitrosoglutathione reductase (GSNOR), pharmaceutical compositions comprising such GSNOR inhibitors, and methods of making and using the same.

No. of Pages : 73 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1808/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SHIP DRIVE SYSTEM HAVING A PLURALITY OF ELECTRIC DRIVE SHAFTS

(51) International classification	:B60L11/08
(31) Priority Document No	:10 2010 006 599.4
(32) Priority Date	:01/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/051323
Filing Date	:31/01/2011
(87) International Publication No	:WO 2011/092330
(61) 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 M^unchen,
GERMANY

(72)Name of Inventor :

1)HARTIG, Rainer

2)TIGGES, Kay

3)WYCISK, Michael

(57) Abstract :

A ship drive system (10) according to the invention comprises at least one first and one second drive shaft (11,12) for driving a respective propulsion unit (2), in particular of a water jet, wherein each of the electric drive shafts (11,12) comprises at least one speed variable generator (4) driven by an internal combustion engine (3,6) for generating a motor voltage having a variable amplitude and variable frequency, and at least one speed-variable drive motor (5) that is supplied with said voltage and coupled to the propulsion unit (2). The first and second drive shafts (11,12) can be switched from a first operating state, in which they are electrically disconnected from each other, to a second operating state, in which they are electrically coupled to each other such energy can be transmitted from the at least one generator (4) of the one drive shaft (11,12) to the at least one drive motor (5) of the other drive shaft (11,12). To this end the at least one generator (4) preferably comprises a superconductor winding. A preferred use of the ship drive system (1) is found in trimarans.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1809/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : AVOIDANCE OF DYNAMIC INSTABILITIES IN FORCED-FLOW STEAM GENERATORS IN SOLAR-THERMAL INSTALLATIONS BY THE USE OF PRESSURE EQUALIZING LINES

(51) International classification	:F22B21/24	(71)Name of Applicant :
(31) Priority Document No	:10 2010 006 462.9	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:01/02/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 M ^u nchen,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2010/067910	(72)Name of Inventor :
Filing Date	:22/11/2010	1)BRCKNER, Jan
(87) International Publication No	:WO 2011/091882	2)FRANKE, Joachim
(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 solar thermal forced flow steam generator (3), in particular for a solar thermal power station (1) with parabolic troughs, comprising heating tubes (16). The invention is characterised in that the heating tubes (16) are connected together by pressure compensation lines (20).

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1822/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : DRIVING CONTROL DEVICE

(51) International classification :B60W30/08,B60T7/12,B60T8/17
(31) Priority Document No :2009-292705
(32) Priority Date :24/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071486
Filing Date :01/12/2010
(87) International Publication No :WO 2011/077915
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NISSAN MOTOR CO., LTD.
Address of Applicant :2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, JAPAN
(72)**Name of Inventor :**
1)HAYAKAWA, Yasuhisa
2)SATO, Kou
3)KOBAYASHI, Masahiro

(57) Abstract :

Disclosed is a driving control device that, if side objects that are present to the side of the vehicle as well as towards the rear of the vehicle have been detected, activates a control operation for suppressing the sideways movement of the vehicle towards the sides of the side objects. In addition, the abovementioned control operation is suppressed if side objects are not detected and the vehicle has begun entering an adjacent lane in order to change lanes.

No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1823/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : DEVICE FOR REWORKING THE RUNNING SURFACE OF A RAIL HEAD BY MACHINING

(51) International classification	:B23C3/00
(31) Priority Document No	:A 74/2010
(32) Priority Date	:21/01/2010
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2011/000037
Filing Date	:21/01/2011
(87) International Publication No	:WO 2011/088492
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Helmut RUNGGER

Address of Applicant :Spielplatz Strasse 8, A-4661 Roitham, Austria.

(72)Name of Inventor :

1)Helmut RUNGGER

(57) Abstract :

The invention relates to a device (1) for reworking the running surface (17) of a rail head (2) by machining, comprising a frame (5) guided along the rail head (2), in which frame two machining tools are supported on both sides of the rail head (2). The two machining tools can be rotationally driven in opposite directions and can be placed against the running surface (17) at the end face of said machining tools. In order to create advantageous machining conditions, the machining tools are designed as face milling cutters (11), the rotational axes (12) of which extend in a common plane (13) and the cutting areas of which overlap each other transversely to the longitudinal direction of the rail head (2), and the two face milling cutters (11) are connected to a common rotational drive (9) by means of a transfer gearbox (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1772/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PYRAZOLOPYRIDINE KINASE INHIBITORS

(51) International classification :C07D471/04,A61K31/496,A61P25/00
(31) Priority Document No :61/298,653
(32) Priority Date :27/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022536
Filing Date :26/01/2011
(87) International Publication No :WO 2011/094283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VERTEX PHARMACEUTICALS INCORPORATED
Address of Applicant :130 Waverly Street, Cambridge, MA
02139 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)JIMENEZ, Juan-Miguel
2)GOLEC, Julian, M.C.
3)SETTIMO, Luca
4)FRAYSSE, Damien
5)BRENCHLEY, Guy
6)BOYALL, Dean
7)TWIN, Heather
8)YOUNG, Stephen
9)MILLER, Andrew, W.
10)DAVIS, Christopher, John
11)COLLIER, Philip

(57) Abstract :

The present invention relates to compounds useful as inhibitors of protein kinase. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders. The invention also provides processes for preparing compounds of the inventions.

No. of Pages : 57 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1773/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PYRAZOLOPYRIMIDINE KINASE INHIBITORS

(51) International classification :C07D487/04,A61K31/519,A61P31/00
(31) Priority Document No :61/298,668
(32) Priority Date :27/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022547
Filing Date :26/01/2011
(87) International Publication No :WO 2011/094290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)VERTEX PHARMACEUTICALS INCORPORATED
Address of Applicant :130 Waverly Street, Cambridge, MA
02139 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)JIMENEZ, Juan-Miguel
2)SETTIMO, Luca
3)FRAYSSE, Damien
4)BRENCHLEY, Guy
5)DAVIS, John, Christopher
6)MILLER, Andrew W.

(57) Abstract :

The present invention relates to compounds useful as inhibitors of protein kinase. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of various disease, conditions, or disorders. The invention also provides processes for preparing compounds of the inventions.

No. of Pages : 68 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1826/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING 2-CHLORO-3,3,3-TRIFLUOROPROPENE

(51) International classification	:C07C17/25,C07C21/18	(71)Name of Applicant :
(31) Priority Document No	:61/282,494	1)DAIKIN INDUSTRIES, LTD.,
(32) Priority Date	:19/02/2010	Address of Applicant :Umeda Center Building, 4-12,
(33) Name of priority country	:U.S.A.	Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka 5308323,
(86) International Application No	:PCT/JP2011/054055	JAPAN
Filing Date	:17/02/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/102538	1)YAMASHITA, Tsuneo
(61) Patent of Addition to Application	:NA	2)NOSE, Masatoshi
Number	:NA	3)KATSUKAWA, Kenichi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for producing 2-chloro-3,3,3-trifluoropropene represented by the chemical formula: $\text{CF}_3\text{CCl}=\text{CH}_2$, comprising mixing a fluorine-containing alkane, in a liquid state, represented by the formula: $\text{CF}_3\text{CHClCH}_2\text{X}$, wherein X is halogen, with an aqueous solution containing at least one metal hydroxide selected from the group consisting of alkali metal hydroxides and alkali earth metal hydroxides in the presence of a catalyst to perform a dehydrohalogenation reaction of the fluorine-containing alkane. According to the present invention, 2-chloro-3,3,3- trifluoropropene (HCFO-1233xf) can be obtained at a very high yield at a relatively low reaction temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1827/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING FLUORINE-CONTAINING ALKENE

(51) International classification	:C07C17/23,C07C21/18	(71)Name of Applicant :
(31) Priority Document No	:61/282,429	1)DAIKIN INDUSTRIES, LTD.,
(32) Priority Date	:12/02/2010	Address of Applicant :Umeda Center Building, 4-12,
(33) Name of priority country	:U.S.A.	Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka 5308323,
(86) International Application No	:PCT/JP2011/053061	JAPAN
Filing Date	:08/02/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/099604	1)KOMATSU, Yuzo
(61) Patent of Addition to Application	:NA	2)KARUBE, Daisuke
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for producing fluorine-containing alkene represented by Formula (2): $Rf1C(Rf2)=CH2$ wherein $Rf1$ and $Rf2$ are the same or different, and are F, H, $F(CF2)_n$ - wherein n is an integer of 1 to 5, or $H(CF2)_m$ - wherein m is an integer of 1 to 5, with the proviso that $Rf1$ and $Rf2$ are not simultaneously H, by heating fluorine-containing alkane represented by Formula (1): $Rf1CF(Rf2)CH3$ wherein $Rf1$ and $Rf2$ are as defined above, in a gas phase to perform a dehydrofluorination reaction, the dehydrofluorination reaction being carried out in the presence of 5 mol or more of anhydrous hydrogen fluoride per mol of the fluorine-containing alkane. The process of the present invention can significantly enhance the selectivity of fluorine-containing alkene without reducing conversion in the production of fluorine-containing alkene from fluorine-containing alkane, such as fluorine-containing propane.

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

(54) Title of the invention : HYDRAULIC WORK MACHINE

(51) International classification :E02F9/22,F15B11/028,F15B11/04
 (31) Priority Document No :2010-017065
 (32) Priority Date :28/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/051595
 Filing Date :27/01/2011
 (87) International Publication No :WO 2011/093378
 (61) 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, Koraku 2-chome, Bunkyo-ku, Tokyo 1128563 Japan.
 (72)**Name of Inventor :**
1)KARASAWA Hideo
2)ARIGA Nobuei
3)NAKAMURA Tsuyoshi

(57) Abstract :

Disclosed is a hydraulic work machine having a travel speed control device and a booster control device and capable of reducing the number of components in said travel speed control device and a booster control device. A hydraulic shovel is provided with: a travel speed control device, which including a hydraulic work oil supply means for travel capable of supplying hydraulic work oil for operating a tilt angle control device (21, 22) for travel which controls the tilt angle of a travel motor (15, 16); a booster control device, which includes a hydraulic work oil supply means for boosting capable of supplying hydraulic pressure for operating an adjustable relief valve (23) capable of changing the set relief pressure; and a single hydraulic work oil supply means which is used both as the hydraulic work oil supply means for travel and the hydraulic work oil supply means for boosting. Said hydraulic work oil supply means is provided with: pipelines (30, 31) communicating with both the tilt angle control device (21, 22) for travel and the adjustable relief valve (23); a solenoid valve (32) which opens and closes said pipelines (30, 31); and a controller (35) for outputting a control signal for controlling the solenoid valve (32).

No. of Pages : 88 No. of Claims : 5

(54) Title of the invention : A VEHICLE

(51) International classification :B60G21/073,B62D9/02,B62K5/04
 (31) Priority Document No :1000244.2
 (32) Priority Date :08/01/2010
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2011/050018
 Filing Date :07/01/2011
 (87) International Publication No :WO 2011/083335
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GALE, David Andrew

Address of Applicant :31a Rosedene Avenue, Streatham Hill, London SW16 2LS, GREAT BRITAIN U.K.

(72)Name of Inventor :

1)GALE, David Andrew

(57) Abstract :

There is provided a vehicle (100) comprising: a chassis (102), at least one front wheel (106), two surface-engaging rear wheels (108) and a propulsion unit (122) for driving the rear wheels (108), each rear wheel (108) being connected to the chassis (102) by a wheel support assembly (114) comprising: a rear wheel support (116) for allowing movement of the respective rear wheel (108) relative to the chassis (102); and a hydraulic cylinder (144), the hydraulic cylinder (144) comprising: a housing connected to one of the chassis (102) and the rear wheel support; and a piston (148) connected to the other of the rear wheel support and the chassis (102), the piston (148) being moveable within the housing and arranged to divide the hydraulic cylinder into first and second chambers each having respective ports arranged to allow hydraulic fluid (156) to enter and exit the respective chamber, wherein the ports of the first chambers of each hydraulic cylinder are in fluid communication and the ports of the second chambers of each hydraulic cylinder are in fluid communication such that movement of hydraulic fluid from the first or second chamber of one hydraulic cylinder to the respective first or second chamber of the other hydraulic cylinder displaces the pistons of the hydraulic cylinders in opposing directions relative to the respective housings and causes the chassis (102) to articulate with respect to the surface. By providing such an arrangement, the chassis (102) can be caused to tilt or articulate by movement of fluid between the hydraulic cylinders. This arrangement eliminates the need for cross-bracing or support members and enables space-efficient packaging of the internal components of the vehicle (100) such as the propulsion unit or engine, which may be located close to, or between, the rear wheel support assembly.

No. of Pages : 65 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1825/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : AIR CONDITIONER

(51) International classification :H04L25/02,F24F11/02,H04B3/50
(31) Priority Document No :JP2010-075850
(32) Priority Date :29/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050507
Filing Date :14/01/2011
(87) International Publication No :WO 2011/122061
(61) 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)OKANO,Takashi

(57) Abstract :

Provided is an air conditioning machine for suppressing power consumption by a discharge resistance for discharging residual charge in a transmission path. An analog switch is inserted between two discharge resistances (R5, R6), and upon transmitting AMI signals to two lines (P1, P2) of a signal transmission path (4), an MCU (30) performs discharge control so that if a high level signal voltage is output, the analog switch (S1) is turned OFF, and if a low level signal voltage is output, the analog switch (S1) is turned ON.

No. of Pages : 42 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1837/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SUBSTITUTED N-(1H-INDAZOL-4-YL)IMIDAZO[1, 2-A]PYRIDINE-3- CARBOXAMIDE COMPOUNDS AS CFMS INHIBITORS

(51) International classification :C07D471/04,C07D519/00,A61K31/437
(31) Priority Document No :61/288,729
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061341
Filing Date :20/12/2010
(87) International Publication No :WO 2011/079076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ARRAY BIOPHARMA INC.
Address of Applicant :3200 Walnut Street Boulder, Colorado
80301 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)BOYS, Mark Laurence
2)BRADLEY, Michael F.
3)DELISLE, Robert Kirk
4)HENNINGS, D. David
5)KENNEDY, April L.
6)MARMSATER, Fredrik P.
7)MEDINA, Matthew David
8)MUNSON, Mark C.
9)RAST, Bryson
10)RIZZI, James P.
11)RODRIGUEZ, Martha E.
12)TOPALOV, George T.
13)ZHAO, Qian

(57) Abstract :

Compounds of Formula (I): and pharmaceutically acceptable salts thereof in which R1, R2, R3, R4 and R5 have the meanings given in the specification, are inhibitors of cFMS and are useful in the treatment of bone-related diseases, cancer, autoimmune disorders, inflammatory diseases, cardiovascular diseases and pain.

No. of Pages : 223 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1838/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ULTRASONICALLY CLEANING INDUSTRIAL COMPONENTS

(51) International classification	:B08B3/12
(31) Priority Document No	:61/289,050
(32) Priority Date	:22/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/002016
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/075831
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PHILLIPS, William, Lash

Address of Applicant :c/o Tech Sonic Services LP, Bay #2-
2139 10 Avenue SW, Medicine Hat, Alberta T1A 8B7 CANADA

2)SMITH, Shawn

3)KIESER, Byron

(72)Name of Inventor :

1)PHILLIPS, William, Lash

2)SMITH, Shawn

3)KIESER, Byron

(57) Abstract :

An apparatus for cleaning industrial components has a liquid container defining a liquid enclosure for containing a cleaning liquid and ultrasonic transducers having an operating frequency and a wavelength in the cleaning liquid and secured to at least a portion of the liquid container at a spacing of between 2 and 10 wavelengths. In operation, the transducers generate a larger power density in the component-receiving area of the liquid container than an average power density of the liquid container.

No. of Pages : 31 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1805/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : ADJUSTABLE BLANKING PANEL

(51) International classification	:H05K7/20
(31) Priority Document No	:61/296,309
(32) Priority Date	:19/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021084
Filing Date	:13/01/2011
(87) International Publication No	:WO 2011/090874
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WRIGHT LINE, LLC
Address of Applicant :160 Gold Star Boulevard, Worcester,
MA 01606 U.S.A.
(72)**Name of Inventor :**
1)LIINHARES, Manuel, D.
2)COTULLI, Carl

(57) Abstract :

Adjustable blanking panels for use with equipment racks and enclosures to cover or fill in vacant sections of the rack or enclosure, to prevent the circular flow and reentry of high temperature air into the intake of electrical and computer equipment. The adjustable blanking panels include a generally rectangular base frame that defines opposing left and right side channels, and a generally rectangular shield that is adapted to be inserted into the side channels and slide relative to the base frame, to adjust the height of the panel to the size of the vacant section. The adjustable blanking panel may further include a lip that may be used to raise or lower the shield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1806/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SCROLL COMPRESSOR

(51) International classification	:F04C18/02
(31) Priority Document No	:2010-012577
(32) Priority Date	:22/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050870
Filing Date	:19/01/2011
(87) International Publication No	:WO 2011/090071
(61) 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)MURAKAMI Yasuhiro

2)YAMADA Masahiro

3)KOJIMA Kouji

(57) Abstract :

A scroll compressor wherein the winding end of a wrap has increased strength and in addition the compression mechanism is compact. The wrap (26b) of a movable scroll (26) has, in the section of the wrap (26b) which extends from the start point of the winding thereof to an intermediate portion thereof, a spiral shape in which the radius of the base circle of the involute of the section decreases as the winding angle increases. Also the wrap (26b) of the movable scroll (26) has, in the section of the wrap (26b) which extends from the intermediate portion thereof to the end point of the winding thereof, a spiral shape in which the radius of the base circle of the involute of the section is greater than the minimum value of the radius of the base circle of the involute of the section of the wrap (26b) which extends from the start point of the winding thereof to the intermediate portion thereof.

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1821/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : EARPHONE

(51) International classification	:H04R1/10
(31) Priority Document No	:2010-225588JP
(32) Priority Date	:05/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/004014
Filing Date	:13/07/2011
(87) International Publication No	:WO 2012/046368
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Makoto YAMAGISHI
Address of Applicant :2-17-2 Kyoudou, Setagaya ku, Tokyo
156-0052 JAPAN
(72)**Name of Inventor :**
1)Makoto YAMAGISHI

(57) Abstract :

[Problem] To provide technology for improving the frequency characteristic by means of an acoustic method so as to enable sounds to be heard with a natural frequency characteristic when a sealed earphone is inserted in a persons ear. [Solution] Two independent sound wave passages are provided in a sound-conducting tube in a sound path that extends from the diaphragm of an electroacoustic converter in the interior of a sealed earphone through the sound-conducting tube and through the ear canal to the ear drum, and the propagation of a specific frequency of sound is controlled by adjusting the length of said passages, thus improving the frequency characteristic of sound passing through this sound path.

No. of Pages : 61 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1833/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, CALL CONTROL NODE, PRIORITY CONTROL NODE, AND MOBILE MANAGEMENT NODE

(51) International classification :H04W76/02,H04W28/24
(31) Priority Document No :2010-001452
(32) Priority Date :06/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072496
Filing Date :14/12/2010
(87) International Publication No :WO 2011/083662
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO, INC.
Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku,
Tokyo 100-6150 JAPAN
(72)Name of Inventor :
1)NISHIDA, Katsutoshi
2)SUZUKI, Keisuke

(57) Abstract :

Provided is a mobile communication method comprising a step of judging, in the case where a priority control node (PCRF) is notified of the fact that an Invite signal including priority call information has received from a call control node (P-CSCF), whether it is necessary to change ARP of a call control signal bearer for transmitting the Invite signal to a mobile terminal (UE) from a gateway device (P- GW) into ARP which is higher than priority that is preset for the call control signal bearer, a step of changing, in the case where it has been judged that the ARP is necessary to be changed, the ARP of the call control signal bearer into the ARP which is higher than the ARP that is preset for the call control signal bearer, and a step of performing paging with respect to the mobile terminal (UE) in accordance with the priority of the call control signal bearer.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1839/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : ANTIMICROBIAL SUBSTRATE

(51) International classification :D01F1/10,D01D5/00,D04H3/16
(31) Priority Document No :61/393,128
(32) Priority Date :14/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2011/056073
Filing Date :13/10/2011
(87) International Publication No :WO 2012/051373
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZEUS INDUSTRIAL PRODUCTS, INC.
Address of Applicant :3737 Industrial Blvd. Orangeburg, SC
29118 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)BALLARD, Robert L.
2)ANNEAUX, Bruce L.
3)MANASCO, Joshua L.

(57) Abstract :

A method of preparing antimicrobial-containing polymeric products is provided, the method involving electrospinning a dispersion comprising a dispersible polymer, a fiberizing polymer, and one or more antimicrobial agents. The electrospun material is heated to remove solvent and the fiberizing polymer, giving a nonwoven polymeric material having antimicrobial agent incorporated therein. The material can be in the form of, for example, a non-woven sheet, tube, or covering.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2012

(21) Application No.1843/KOLNP/2012 A

(43) Publication Date : 08/03/2013

(54) Title of the invention : CRTH2 MODULATORS

(51) International classification :C07D401/04,C07D403/12,C07D413/14
(31) Priority Document No :61/289,841
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060671
Filing Date :16/12/2010
(87) International Publication No :WO 2011/079007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IRONWOOD PHARMACEUTICALS, INC.
Address of Applicant :301 Binney Street, 2nd Floor,
Cambridge, MA 02142 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)MERMERIAN, Ara
2)PENG, Bo
3)HUDSON, Colleen
4)KIM, Charles
5)MOORE, Joel
6)ROHDE, Jason
7)SPROTT, Kevin
8)GRAUL, Regina
9)NAKAI, Takashi
10)JIA, James
11)BARTOLINI, Wilmin

(57) Abstract :

Modulators of CRTH2, particularly antagonists of CRTH2, that are useful for treating various disorders, including asthma and respiratory disorders are disclosed. The compounds fall within a genus described by formula I.

No. of Pages : 184 No. of Claims : 61

(54) Title of the invention : POSITIONING DEVICE FOR A SAMPLE DISTRIBUTION APPARATUS, SAMPLE DISTRIBUTION APPARATUS WITH POSITIONING DEVICE AND METHOD FOR POSITIONING

(51) International classification :G01N35/10,B01L9/00
 (31) Priority Document No :10 2010 005 722.3
 (32) Priority Date :26/01/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/000278
 Filing Date :24/01/2011
 (87) International Publication No :WO 2011/091974
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)EPPENDORF AG

Address of Applicant :Barkhausenweg 1, D-22339 Hamburg, GERMANY

(72)Name of Inventor :

1)DISSELBACH, Rainer

2)MELLENTHIN, Uwe

3)VON BEICHMANN, Boris

(57) Abstract :

The invention relates to a positioning device for a sample dispenser device, in particular for a pipetting device, having a first part, on which a sample-conveying device can be arranged, and a second part, on which a sample holder can be arranged, the first part and the second part being arranged so as to be movable relative to each other between a first position and a set target position of the first and second parts for carrying out a positioning movement, such that a sample can be conveyed with respect to the sample holder by the positioning movement between the first position and the set target position and at the target position can, as a result of being dispensed, be conveyed from the sample-conveying device to the sample holder, or can be conveyed in the sample-conveying device with respect to the sample holder by the positioning movement between the first position and the set target position and by a movement of the sample-conveying device in relation to the first part into a dispensing position and at the dispensing position can, as a result of being dispensed, be conveyed from the sample-conveying device to the sample holder, an actuating movement being provided in order to convey the sample in this way. The invention further relates to an auxiliary positioning device, which has at least one means for restricting the relative mobility of the first and second parts in the set target position, which preferably has at least one means for setting the nth target position from a multiplicity of N predetermined target positions as the set target position, which preferably has at least one means for changing the set target position from the nth target position to an (n+1)th target position, and which furthermore has at least one first means for coupling this actuating movement and this auxiliary positioning device, or in relation to the at least one changing means thereof, such that the change from this nth target position to this (n+1)th target position can be brought about by the at least one first coupling means as a result of the actuating movement. The invention also relates to a corresponding operating method for automatically changing the position of a first part in relation to a second part and it also relates to a sample dispenser device comprising such a positioning device.

No. of Pages : 84 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1846/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : MODIFICATION OF POLYETHYLENE PIPE TO IMPROVE SAG RESISTANCE

(51) International classification :B32B1/08
(31) Priority Document No :12/690,257
(32) Priority Date :20/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020775
Filing Date :11/01/2011
(87) International Publication No :WO 2011/090846
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FINA TECHNOLOGY, INC
Address of Applicant :P.O. Box 674412, Houston, Texas
77267, U.S.A.
(72)Name of Inventor :
1)ASHBAUGH, John
2)COLE, Brian
3)GUENTHER, Gerhard

(57) Abstract :

Methods of forming pipe articles and pipe articles are described herein. The methods generally include providing a bimodal ethylene based polymer, blending the bimodal ethylene based polymer with up to about 50 ppm peroxide to form modified polyethylene and forming the modified polyethylene into a pipe.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1840/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PRODUCTION OF 6'-O-SIALYLLACTOSE AND INTERMEDIATES

(51) International classification :C07H1/00,C07H3/06,C07H13/04

(31) Priority Document No :PA 2010 70061

(32) Priority Date :19/02/2010

(33) Name of priority country :Denmark

(86) International Application No :PCT/DK2011/050052

Filing Date :21/02/2011

(87) International Publication No :WO 2011/100979

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GLYCOM A/S

Address of Applicant :Diplomvej 373 1., ~ DK-2800 Kongens Lyngby DENMARK

(72)Name of Inventor :

1)P%REZ FIGUEROA, Ignacio

2)HORVTH, Ferenc

3)DEKANY, Gyula

4)GOSTON, K;roly

5)GOSTON, gnes

6)BAJZA, Istv;n

7)BOUTET, Julien

8)HEDEROS, Markus

9)KOVCS-P%NZES, Piroska

10)KR-GER, Lars

11)R-HRIG, Christoph

12)SCHROVEN, Andreas

13)VRASIDAS, Ioannis

14)RISINGER, Christian

(57) Abstract :

The present invention relates to a method for preparation of the trisaccharide 6-O- sialyllactose (formula (I)) or salts thereof as well as intermediates in the synthesis and for the use of 6-O-sialyllactose salts in pharmaceutical or nutritional compositions.

No. of Pages : 88 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1841/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SANITARY OUTLET UNIT

(51) International classification	:F16K11/06
(31) Priority Document No	:10 2009 060 501.0
(32) Priority Date	:23/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/007039
Filing Date	:19/11/2010
(87) International Publication No	:WO 2011/076320
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEOPERL GMBH

Address of Applicant :Klosterrunsstr. 11, 79379 M^ullheim
GERMANY

(72)Name of Inventor :

1)SCHRLE, Holger

2)BAMMERLIN, Werner

3)STEINBRUNNER, Michael

(57) Abstract :

The invention relates to a sanitary outlet unit (1) comprising an outlet fitting (2) having at least one water outlet (3) and comprising an aeration device (4) provided for aerating the water flow and arranged in the flow direction spaced from and upstream of the at least one water outlet (3), and comprising at least one valve part (5), which regulates the inflow from at least one water pipe (7) to the water outlet (3). In order to provide a sanitary outlet unit (1) that ensures reliable aeration of the water flow combined with good water tightness to water running back and that can be integrated without undue structural modifications into existing fittings, according to the invention the aeration device (4) is received in the at least one valve part (5) and the aeration device (4) is provided with at least one actuator (6), the movement of which between at least one closed and at least one open position alters the admission of ambient air to the water flow inside the valve part (5).

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1842/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : FOLDABLE CASE FOR USE WITH AN ELECTRONIC DEVICE

(51) International classification :A45C11/00,A45C13/02,A45C9/00
(31) Priority Document No :12/683,328
(32) Priority Date :06/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046815
Filing Date :26/08/2010
(87) International Publication No :WO 2011/084181
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)APPLE INC.
Address of Applicant :1 Infinite Loop, Cupertino, CA 95014
UNITED STATES OF AMERICA
(72)Name of Inventor :
1)ROHRBACH, Matthew, D.
2)DIEP, Vinh

(57) Abstract :

This is directed to a case for securing and protecting an electronic device. The case can include a cover connected to a pouch by a hinge such that the cover can be overlaid over a device interface (e.g., a device display). The case can be constructed by layering and combining several types of materials, including for example materials having resistant outer surfaces, materials limiting the deformation of the case, materials providing a soft surface to be placed in contact with the device, and rigid materials for defining a structure of the case. In some embodiments, the case can include a tab that allows a user to fold open the cover of the case to form a triangular prism. The prism can be placed on any of its surfaces such that the device can be oriented towards a user at particular angles (e.g., a typing- specific orientation and a media playback orientation).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2018/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SLEEVE-INTEGRATED MEMBER AND METHOD FOR MANUFACTURING THE SAME

(51) International classification:B21D22/30,B21D53/88,B60T7/06

(31) Priority Document No :2010-015658

(32) Priority Date :27/01/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2011/051509

Filing Date :26/01/2011

(87) International Publication
No :WO 2011/093345

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)YOROZU CORPORATION

Address of Applicant :3-7-60, Tarumachi, Kohoku-ku,
Yokohama-shi, Kanagawa 222-8560, Japan.

(72)Name of Inventor :

1)ISHIZUKI Masaharu

2)KIMURA Hiroshi

3)OGATA Chitoshi

4)ISHIYAMA Akira

(57) Abstract :

A protrusion (30) is formed so as to rise from a base plate (W), and the protrusion (30) is formed into a spacer (12) having predetermined outer diameter (D) and height (H). In forming the spacer (12), first the protrusion (30) is shaped to have a diameter greater than the predetermined outer diameter (D) and then shaped to have a height greater than the predetermined height (H). After that the protrusion (30) is pressed and crushed to cause the top (30b) of the protrusion (30) to protrude outward in the radial direction and have a two ply structure and a through hole (35) is formed in the top (30b). The configuration provides the top (30b) with strength provided by the double-layer structure. Also a side section (30a) has high strength due to the pressing and compression. A member integrated with a sleeve is provided with the spacer (12) and the entire spacer (12) has sufficient strength.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1834/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : METHOD FOR DETERMINING COPY NUMBER VARIATIONS

(51) International classification	:C12Q1/68,G01N33/48	(71) Name of Applicant : 1)VERINATA HEALTH, INC. Address of Applicant :800 Saginaw Drive Redwood City, CA 94063 UNITED STATES OF AMERICA
(31) Priority Document No	:61/296,358	
(32) Priority Date	:19/01/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/058609	(72) Name of Inventor :
Filing Date	:01/12/2010	1)RAVA, Richard, P.
(87) International Publication No	:WO 2011/090557	2)RHEES, Brian, Kent
(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 a method for determining copy number variations (CNV) of a sequence of interest in a test sample that comprises a mixture of nucleic acids that are known or are suspected to differ in the amount of one or more sequence of interest. The method comprises a statistical approach that accounts for accrued variability stemming from process-related, interchromosomal and inter-sequencing variability. The method is applicable to determining CNV of any fetal aneuploidy, and CNVs known or suspected to be associated with a variety of medical conditions.

No. of Pages : 81 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1835/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : PULL-UP DISPOSABLE WEARING ARTICLE

(51) International classification	:A61F13/496
(31) Priority Document No	:2010-011309
(32) Priority Date	:21/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050665
Filing Date	:17/01/2011
(87) International Publication No	:WO 2011/090001
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Unicharm Corporation
Address of Applicant :182, Shimobun, Kinsei-cho
Shikokuchuo-shi, Ehime 7990111 JAPAN

(72)**Name of Inventor :**
1)YAMASHITA, Mariko
2)OTSUBO, Toshifumi
3)HASHIMOTO, Tatsuya
4)KAMIYAMA, Ryuichi

(57) Abstract :

A pull-up disposable wearing article obtained by improving conventional pull-up disposable wearing articles, wherein side seam sections have predetermined joint strength and wherein the joints of the lower ends of the side seam sections are not easily disengaged while the wearing article is being worn. Side seam sections (26) comprise joint sections (29) arranged in the direction of the longitudinal axis (P). The side seam sections (26) each have an upper end section (71) which is located closer to an waist opening end section (27a) and a lower end section (72) which is located closer to a crotch region (15). The areas of the joint sections (29) are substantially the same. The length of the lower end section (72) in the direction of the lateral axis (Q) is greater than the length of the upper end section (71) in the direction of the lateral axis (Q).

No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1852/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR NON-DESTRUCTIVELY NORMALIZING LOUDNESS OF AUDIO SIGNALS WITHIN PORTABLE DEVICES

(51) International classification :G10L19/14,H03G7/00
(31) Priority Document No :61/303,643
(32) Priority Date :11/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023531
Filing Date :03/02/2011
(87) International Publication No :WO 2011/100155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOLBY LABORATORIES LICENSING CORPORATION
Address of Applicant :100, Potrero Avenue, San Francisco, California 94103-4813 UNITED STATES OF AMERICA
2)DOLBY INTERNATIONAL AB
(72)**Name of Inventor :**
1)RIEDMILLER, Jeffrey C.
2)MUNDT, Harald H.
3)SCHUG, Michael
4)WOLTERS, Martin

(57) Abstract :

Many portable playback devices cannot decode and playback encoded audio content having wide bandwidth and wide dynamic range with consistent loudness and intelligibility unless the encoded audio content has been prepared specially for these devices. This problem can be overcome by including with the encoded content some metadata that specifies a suitable dynamic range compression profile by either absolute values or differential values relative to another known compression profile. A playback device may also adaptively apply gain and limiting to the playback audio. Implementations in encoders, in transcoders and in decoders are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2020/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR IDLING A NETWORK CONNECTION.

(51) International classification :G06F 9/46
(31) Priority Document No :61/295,622
(32) Priority Date :15/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020034
Filing Date :03/01/2011
(87) International Publication No :WO/2013/025184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APPLE INC.
Address of Applicant :1 INFINITE LOOP CUPERTINO,CA
95014 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)MASPUTRA,CAHYA A.
2)VAN MILLIGAN,MICHAEL R.
3)GRAESSLEY,JOSHUA V.

(57) Abstract :

The described embodiments include a system that configures a network interface. During operation, the system receives a signal from an operating system indicating that the network interface can be idled. The signal is sent from the operating system as soon as the operating system determines that a final route structure that depended on the network interface has expired and been deleted. The system then determines if an application has established a route that uses the network interface since the signal was sent from the operating system. If not, the system causes the network interface to be idled. Otherwise, the system leaves the network interface in a current operating state.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2021/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : IMPROVEMENT OF DMD PERFORMANCE IN BEND OPTIMIZED MULTIMODE FIBER

(51) International classification :G02B6/028

(31) Priority Document No :61/302,696

(32) Priority Date :09/02/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/024202

Filing Date :09/02/2011

(87) International Publication No :WO 2011/100333

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OFS FITEL, LLC

Address of Applicant :2000 Northeast Expressway, Suite
2H02, Norcross, GA 30071 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)JIANG, Xinli

2)KIM, Jinkee

3)OULUNDSSEN, George

4)SUN, Yi

(57) Abstract :

Optical fiber refractive index profile designs having an alpha core profile and a negative index trench to control bend loss, are modified by truncating the edge of the alpha core profile and adding a ledge to the truncated core. The result is low bend loss and preservation of low differential mode delay and high bandwidth.

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

(54) Title of the invention : CMP PAD WITH LOCAL AREA TRANSPARENCY

(51) International classification :B24B37/04,B24D7/12,B24D13/14
 (31) Priority Document No :12/657,135
 (32) Priority Date :13/01/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/020870
 Filing Date :11/01/2011
 (87) International Publication No :WO 2011/088057
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NEXPLANAR CORPORATION

Address of Applicant :7175 NW Evergreen Parkway, Suite 200, Hillsboro, OR 97124 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)ALLISON, William**2)HUANG, Ping****3)SCOTT, Diane****4)FRENTZEL, Richard****5)KERPRICH, Robert**

(57) Abstract :

A CMP polishing pad comprising (a) a polishing layer having a polishing surface and a back surface opposite said polishing surface; said polishing layer having at least one cured opaque thermoset polyurethane region and at least one aperture region; said at least one cured opaque thermoset region has a porosity from about 10% to about 55% by volume; said at least one aperture region having (1) a top opening positioned below the polishing surface (2) a bottom opening that is co planar with said back surface and (3) straight line vertical sidewalls extending from said aperture top opening to said aperture bottom opening; said at least one aperture region filled with a cured plug of thermoset polyurethane local area transparency material that has a light transmission of less than 80% at a wavelength from 700 to 710 nanometers and is chemically bonded directly to a thermoset polyurethane opaque area; (b) an aperture free removable release sheet covering at least a portion of said back surface of the polishing layer; and (c) an adhesive layer interposed between said polishing layer and said release sheet; said adhesive layer capable of adhering the polishing layer to a platen of a CMP apparatus after said release sheet has been removed.

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

(54) Title of the invention : VALVE ASSEMBLY FOR A DIFFERENTIAL PRESSURE SENSOR WITH AUTOMATIC ZERO POINT CALIBRATION AND FLUSHING

(51) International classification :G01L13/00,G01F1/34,G01L19/06

(31) Priority Document No :1000682-3

(32) Priority Date :28/06/2010

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2011/050661

Filing Date :27/05/2011

(87) International Publication No :WO 2012/002874

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)TA HYDRONICS AKTIEBOLAG

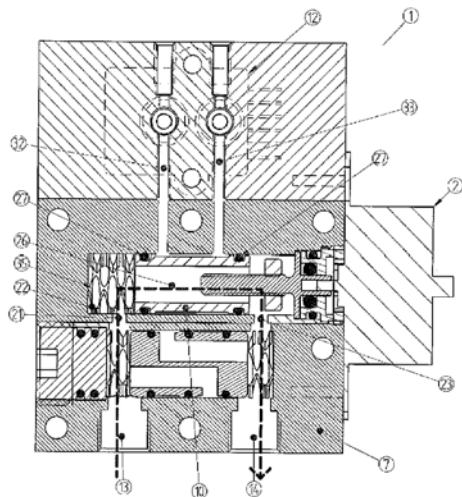
Address of Applicant :S-524 80, Ljung Sweden

(72)Name of Inventor :

1)JILDEROS, Daniel

(57) Abstract :

A valve assembly (1) included in a system for measuring differential pressures in a fluid system and where the valve assembly (1) includes a valve body (7) with an inlet (13) and an outlet (14) for connection to the fluid system ducts (32 33) for communication with a differential pressure sensor (12) for registration the differential pressure a cavity (22) including a calibration cone (10) which is moveable in the cavity (22) between a measuring position and a position for zero point calibration/flushing through the valve assembly (1) where the calibration cone (10) separates the differential pressure sensor (12) from the fluid system in those cases when the measuring position of the device does not exist i.e. in its initial position and at the same time the valve assembly (1) is in this position automatic flushed through to be rid of any in the valve assembly (1) enclosed air.



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

(54) Title of the invention : ANTI-OBESITY AND ANTI-DYSLIPIDEMIC EFFECTS OF OIL PALM PHENOLICS IN PREVENTING ATHEROSCLEROSIS AND CARDIOVASCULAR DISEASE.

(51) International classification :A61K36/889,A61P3/06,A61K31/05
 (31) Priority Document No :PI 2010000060
 (32) Priority Date :07/01/2010
 (33) Name of priority country:Malaysia
 (86) International Application No :PCT/MY2011/000002
 Filing Date :07/01/2011
 (87) International Publication No :WO 2011/084046
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MALAYSIAN PALM OIL BOARD
 Address of Applicant :No. 6, Persiaran Institusi, Bandar Baru Bangi, 43000 Kajang, Selangor (MY) Malaysia
 (72)Name of Inventor :
1)SAMBANTHAMURTHI, Ravigadevi
2)TAN, Yew Ai
3)P. MANICKAM, Kalyana, Sundram
4)WAHID, Mohd, Basri

(57) Abstract :

Water soluble phenolics from the oil palm (*Elaeis guineensis*) possess significant antioxidant and health promoting properties. This invention documents the effects of administering oil palm phenolics to mice with the aim of identifying whether these compounds possess significant anti obesity or anti dyslipidemics properties for the prevention of atherosclerosis and cardiovascular disease. We first explored the gene expression changes caused by oil palm phenolics in livers of mice given a low fat normal diet in which fatty acid beta oxidation genes were up regulated while five cholesterol biosynthesis genes were down regulated. In addition the weight gain of mice given oil palm palm phenolics was delayed suggesting that oil palm phenolics may play a role in delaying the onset of obesity. Using Illumina microarrays we found that the atherogenic diet caused oxidative stress up regulated the inflammatory response and increased the turnover of metabolites and cells in the liver spleen and heart. In contrast we found that oil palm phenolics showed signs of attenuating the effects of the atherogenic diet in mice. The extract increased unfolded protein response in the liver while attenuated antigen presentation and processing in the spleen. Oil palm phenolics also increased the expression of antioxidant genes in the heart. A majority of the genes regulated by oil palm phenolics in the different organs showed a difference in direction of regulation when compared to the atherogenic diet.

No. of Pages : 45 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2031/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : LIGHTENED ROLLER CHAIN

(51) International classification :F16G13/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/060530

Filing Date :22/06/2010

(87) International Publication No :WO 2011/161763

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DAIDO KOGYO CO., LTD

Address of Applicant :1-197, Kumasakamachi, Kaga-shi,
Ishikawa, 922-8686 JAPAN

(72)Name of Inventor :

1)MASAKI Junzo

(57) Abstract :

Provided is a roller chain such that both weight saving and sufficient strength are achieved. This roller chain is configured in such a way that the dimensions of two types of roller chains having different pitches are combined together. That is the dimensions of the pitch of link plates (3,5) are set to be equal to that of the outer link plates and the inner link plates of a larger pitch roller chain, with the result that the overall longitudinal dimensions of the link plates (3,5) are extended, and the dimensions of pins (4), bushings (6), and rollers (7) are set to be the same as those of the pins, bushings, and rollers that are components of a smaller-pitch roller chain.

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

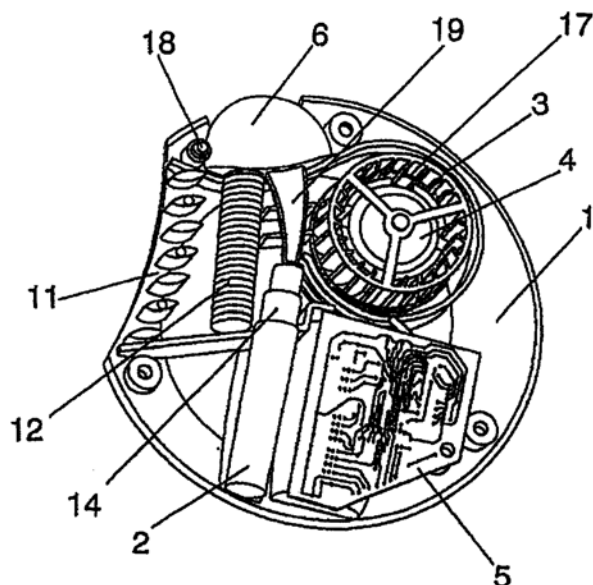
(54) Title of the invention : METHOD AND DEVICE TO EVAPORATE ACTIVE INGREDIENTS FROM A LIQUID SOLUTION

(51) International classification :A01M1/20
 (31) Priority Document No :P200700384
 (32) Priority Date :13/02/2007
 (33) Name of priority country :Spain
 (86) International Application No :PCT/EP2008/051627
 Filing Date :11/02/2008
 (87) International Publication No :WO 2008/098908
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ZOBELLE HOLDING SPA
 Address of Applicant :VIA FERSINA, 4, I-38100, TRENTO
 Italy
 (72)Name of Inventor :
1)MARCHETTI, FABIO
2)MORHIN, CEDRIC
3)ZOBELLE, FRANCO
4)DEFLORIAN, STEFANO

(57) Abstract :

The present invention relates to a method and a device to evaporate low volatility active substances or ingredients from a liquid solution contained in a reservoir (2). The device comprises at least one liquid retaining support and dispensing means (14) arranged in a casing (1) at a distance and in a suitable position for dispensing doses of said liquid solution on said support by means of a push - button (6). The device further has a timer adapted to allow the operation of the said dispensing means in selected time periods, said time periods being greater than the time necessary for evaporating most of the solvent and active ingredient from the support.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5027/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 08/03/2013

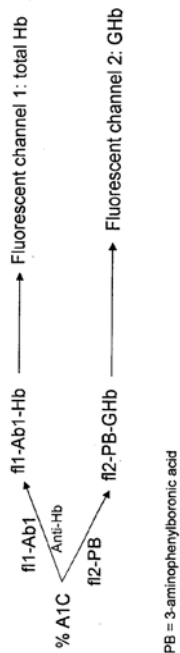
(54) Title of the invention : SYSTEMS AND METHODS FOR DETERMINING THE PERCENTAGE OF GLYCATED HEMOGLOBIN

(51) International classification :G01N 33/72
(31) Priority Document No :61/180,073
(32) Priority Date :20/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035648
Filing Date :20/05/2010
(87) International Publication No :WO 2010/135574
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RELIA DIAGNOSTIC SYSTEMS, INC.
Address of Applicant :1700 OWENS STREET, SUITE 515,
SAN FRANCISCO, CA 94158 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)RUTTER, WILLIAM, J.
2)HAN, JANG, H.
3)KWON, TAEWOO

(57) Abstract :

Described herein are systems and methods for assaying a sample to quantitatively determine the percentage of gly cated hemoglobin in the sample.



No. of Pages : 34 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1830/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 08/03/2013

(54) Title of the invention : ARRANGEMENT FOR PROTECTING, CONTROLLING AND/OR MONITORING AN ELECTRICAL SWITCHGEAR OR ENERGY SUPPLY SYSTEM

(51) International classification	:H02H1/00,H02J13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :Wittelsbacherplatz 2, 80333 M ^u nchen,
(33) Name of priority country	:NA	GERMANY
(86) International Application No	:PCT/EP2010/000692	(72)Name of Inventor :
Filing Date	:29/01/2010	1)DAWIDCZAK, Henry
(87) International Publication No	:WO 2011/091820	2)DUFAURE, Thierry
(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, inter alia, to a method for operating an arrangement (10) which is suitable for protecting, controlling and/or monitoring an electrical switchgear or energy supply system and comprises: a central control unit (20), at least one terminal (E1-E4) which is suitable for measuring energy, switching energy and/or transmitting status data relating to an energy source connected to the terminal or an energy consumer connected to the terminal, and a communication network (30). According to the invention, the central control unit allocates network configuration data (D) to the terminal after the terminal has been connected to the communication network, for the terminal to transmit the type identifier (T4) thereof to the central control unit using the allocated network configuration data and for the function-related communication between the terminal and the central control unit to be operated using a terminal type description (G(E4)) which corresponds to the type identifier.

No. of Pages : 21 No. of Claims : 15

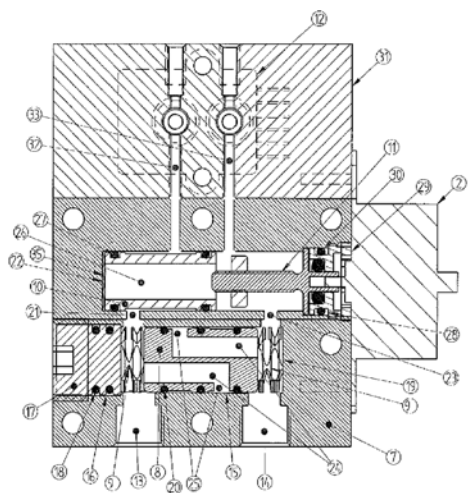
(54) Title of the invention : VALVE ASSEMBLY FOR A DIFFERENTIAL PRESSURE SENSOR WITH SAFETY VALVE

(51) International classification :G01L19/06,F16K17/18,G01L13/00
 (31) Priority Document No :11000825
 (32) Priority Date :28/06/2010
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2011/050662
 Filing Date :27/05/2011
 (87) International Publication No :WO 2012/002875
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)TA HYDRONICS AKTIEBOLAG
 Address of Applicant :S-524 80 LJUNG Sweden
 (72)Name of Inventor :
1)JILDEROS DANIEL

(57) Abstract :

Valve assembly (1) included in a system for measuring differential pressures in a fluid system where the valve assembly includes a differential pressure sensor (12) for registration of differential pressures a first cavity (22) including a calibrating cone (10) which is displaceable between a measure position and a position for zero point calibration/ flushing through of the valve assembly (1). The valve assembly (1) includes a valve body (7) with two connections (13 14) and further a second cavity (15) arranged with a safety valve cone (8). The safety valve cone (8) protects the differential pressure sensor (12) against to high differential pressure. This is made by that the safety valve cone (8) by differential pressures higher than a dimensioned value is moved in direction towards the low pressure side and as a result a passage between high and low pressure side is opened from the one connection (13) i.e. the high pressure side to the other connection (14) i.e. the low pressure side via the second cavity (15) in the valve body (7) and via in the safety valve cone (8) provided cavities (24) and recesses (25) whereby a pressure equalizing occurs.



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

(54) Title of the invention : VOLATILE SUBSTANCES DIFFUSER

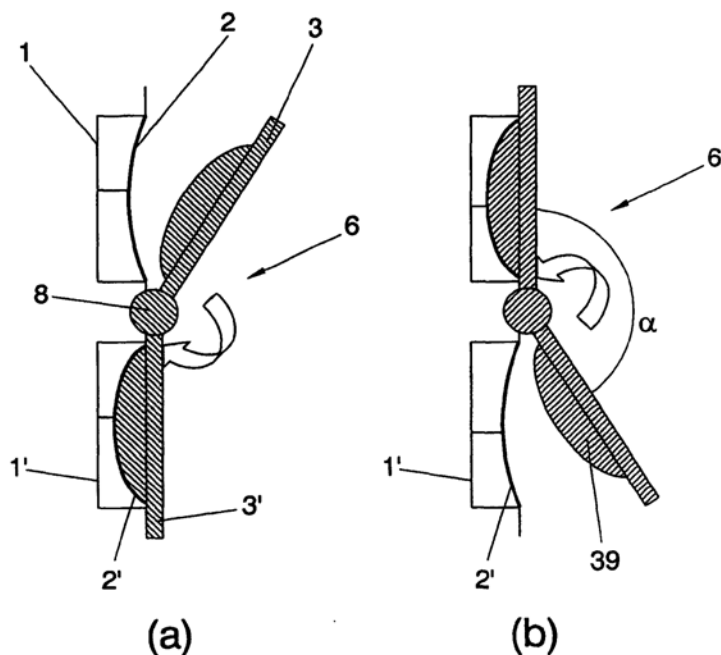
(51) International classification :A61L9/04
 (31) Priority Document No :60/942,586
 (32) Priority Date :07/06/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2008/057069
 Filing Date :06/05/2008
 (87) International Publication No :WO 2008/148869
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)ZOBELLE HOLDING SPA
 Address of Applicant :VIA FERSINA, 4, I-38100, TRENTO, ITALY

(72)Name of Inventor :
1)BERTASSI, EDOARDO
2)MORENO PEREZ, DAVID
3)MUNOZ MARTINEZ, JOSE, ANTONIO
4)MORHAIN, CEDRIC

(57) Abstract :

The present invention refers to a volatile substance diffuser based on permeable membrane with a closure where a solid wall is applied to or separated from the membrane to stop or allow evaporation, respectively. The shape of the membrane is adapted to compensate possible vacuum inside the container.



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

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	191047	673/DEL/2005	29/01/1997	29/01/1996	METHOD OF DYNAMICALLY ADJUSTING FIRE DETECTION	ENGELHARD SENSOR TECHNOLOGIES INC.		DELHI
2	255541	3052/DELNP/2006	18/11/2004	26/11/2003	NANOSTRUCTURES FORMED OF BRANCHED NANOWHISKERS AND METHODS OF PRODUCING THE SAME	QUNANO AB	24/08/2007	DELHI
3	255542	7546/DELNP/2006	06/09/2005	10/09/2004	COMPOSITION FOR LITHIUM EVAPORATION	SAES GETTERS S.P.A.	17/08/2007	DELHI
4	255546	4230/DELNP/2007	08/12/2005	16/12/2004	A PROCESS OF MANUFACTURING A RAZOR BLADE	THE GILLETTE COMPANY	10/08/2007	DELHI
5	255549	6318/DELNP/2006	29/03/2005	29/03/2004	MONOCLONAL ANTIBODIES TO GASTRIN HORMONE	CANCER ADVANCES, INC	31/08/2007	DELHI
6	255550	5051/DELNP/2007	13/12/2005	16/12/2004	ADHESIVE COMPOSITION BASED ON ETHYLENE COPOLYMERS, USEFUL FOR EXTRUSION-COATING AND EXTRUSION LAMINATION ON A VARIETY OF SUPPORTS	ARKEMA FRANCE	17/08/2007	DELHI
7	255551	2839/DELNP/2007	04/11/2005	04/11/2004	A DUPLEX STAINLESS STEEL ALLOY	SANDVIK INTELLECTUAL PROPERTY AB	03/08/2007	DELHI
8	255552	4936/DELNP/2006	04/03/2005	06/03/2004	COMPOSITION IN THE FORM OF OIL-BASED SUSPENSION CONCENTRATES	BAYER CROPSCIENCE AG.	17/08/2007	DELHI
9	255562	3952/DELNP/2004	22/07/2003	22/07/2002	PATCH-LIKE INFUSION DEVICE	BECTON, DICKINSON AND COMPANY	20/11/2009	DELHI
10	255564	2577/DEL/1998	28/08/1998	29/08/1997	A ROCKET ENGINE AND A METHOD FOR FABRICATING THE SAME	HUGHES ELECTRONICS CORPORATION,	30/10/2009	DELHI
11	255566	2687/DELNP/2005	26/11/2003	27/11/2002	TEMPLATE COMPLETION FOR A CONTENT MANAGEMENT SYSTEM	ACCENTURE GLOBAL SERVICES GMBH	26/03/2010	DELHI
12	255567	600/DEL/1998	09/03/1998	13/03/1997	A PARKING BRAKE ASSEMBLY FOR A DRUM BRAKES	AUTOMOTIVE PRODUCTS ITALIA (SV) S.p.A.,	01/08/2008	DELHI
13	255570	1744/DEL/2007	16/08/2007 16:36:55	15/08/2006	A PROCESS FOR THE PRODUCTION OF PURIFIED BIO DIESEL FROM GLYCERIDES	SENECA LANDLORD, LLC	22/02/2008	DELHI

14	255571	2052/DEL/2006	31/01/2005		ELECTRONIC METERING APPARATUS COMPATIBLE FOR COMMUNICATION WITH A SERVER	KLG SYSTEL LTD.	04/04/2008	DELHI
15	255576	633/DELNP/2004	12/09/2002	14/09/2001	A PROCESS FOR MAKING RARE EARTH METAL OXIDE-COATED MICROPOROUS MATERIALS	NEO INTERNATIONAL CORP.,NEO INTERNATIONAL CORP.	30/10/2009	DELHI
16	255577	280/DELNP/2007	20/06/2005	18/06/2004	8-CARBYL SUBSTITUTED ADENOSINE 3', 5'-CYCLIC MONOPHOSPHOROTHIOATE (cAMPS) COMPOUND □	SOLVELL AS	03/08/2007	DELHI
17	255580	3923/DELNP/2006	06/01/2005	08/01/2004	COMPOSITION COMPRISING ETHYLENE COPOLYMERS AND POLYOLEFIN	E.I. DU PONT DE NEMOURS AND COMPANY	27/04/2007	DELHI
18	255584	28/DELNP/2003	17/07/2001	21/07/2000	A REGENERATOR VESSEL	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V	30/10/2009	DELHI
19	255586	2738/DELNP/2006	23/09/2004	19/11/2003	METHOD FOR FORMING AN INDUSTRIAL TEXTILE FABRIC AND INDUSTRIAL TEXTILE FABRIC THEREOF	ALBANY INTERNATIONAL CORP.	10/08/2007	DELHI
20	255587	445/DEL/2000	20/04/2000	08/05/1999	A METHOD OF PROCESSING AND/OR ALLOCATING LINKING AREA IN A RECORDING MEDIUM	SAMSUNG ELECTRONICS CO., LTD.	23/01/2009	DELHI
21	255588	663/DELNP/2005	09/07/2003	24/07/2002	A SYSTEM FOR MEASURING ROAD TRAFFIC LOAD BASED ON ANALYZING CELLURAL COMMUNICATIONS	KAPLAN, YOSSIAVNI, OFER	30/10/2009	DELHI
22	255595	3666/DELNP/2008	22/12/2006	22/12/2005	POLYPROPYLENE COMPOSITION COMPRISING A PROPYLENE COPOLYMER COMPONENT	BOREALIS TECHNOLOGY OY	15/08/2008	DELHI
23	255604	4691/DELNP/2006	29/03/2005	29/03/2004	A CATHODE ACTIVE MATERIAL FOR A SECONDARY BATTERY AND A BATTERY THEREOF	LG CHEM, LTD.	15/06/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	170482	118/BOM/1989	05/05/1989		PROCESS FOR THE RECOVERY OF PROPANE AND HAVIER HYDROCARBONS FROM GASES AND AN APPARATUS THEREOF.	ELCOR CORPORATION	24/06/1989	MUMBAI
2	172145	186/BOM/1990	20/07/1990		STRUCTURAL AGGREGATE PIGMENT.	INDUSTRIAL PROGRESS INC.	29/09/1990	MUMBAI
3	172845	279/BOM/1990	01/01/1900		DIFFERENTIAL PROTECTIVE RELAY APPARATUS	MITSUBISHI DENKI KABUSHIKI KAISHA.	22/12/1990	MUMBAI
4	173188	28/BOM/1992	22/01/1992		GAS CONTROLLING DEVICE FOR USE IN INTERNAL COMBUSTION ENGINE.	ASHRAF YUSUF PALSANIYA	02/05/1992	MUMBAI
5	174514	346/BOM/1991	22/11/1991		IMPROVED DETERGENT BAR FOR PERSONAL USE OR FABRIC WASHING AND PROCESS FOR PREPARING SAME.	HINDUSTAN LEVER LIMITED	08/02/1992	MUMBAI
6	174530	157/BOM/1993	20/05/1993		PROCESS FOR SYNTHESIS OF 2,4,Z	ALCHEMSE REASEARCH CENTRE,ZENECA LTD	25/09/1993	MUMBAI
7	195354	352/BOM/1999	10/05/1999		LIQUEFIED PETROLEUM GAS METERING REGULATOR FOR SATIONARY APPLICATION ENGINES TO OPERATE ON LPG	THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA	18/09/1999	MUMBAI
8	255544	17/MUM/2006	04/01/2006		PROCESS AND INTERMEDIATES FOR PREPARATION OF DONEPEZIL HYDROCHLORIDE	CIPLA LIMITED	24/08/2007	MUMBAI
9	255561	615/MUMNP/2009	01/10/2007	17/10/2006	FROZEN AERATED FOOD PRODUCT COMPRISING SURFACE-ACTIVE FIBRES	HIDUSTAN UNILEVER LIMITED	15/05/2009	MUMBAI
10	255563	618/MUMNP/2009	11/09/2007	17/10/2006	FOOD COMPOSITION COMPRISING GAS BUBBLES AND PROCESS FOR PREPARING IT	HINDUSTAN UNILEVER LIMITED	22/05/2009	MUMBAI
11	255565	619/MUMNP/2009	03/10/2007	17/10/2006	FOOD COMPOSITION COMPRISING GAS BUBBLES AND PROCESS FOR PREPARING IT	HINDUSTAN UNILEVER LIMITED	15/05/2009	MUMBAI

12	255578	2855/MUM/2009	11/12/2009 12:07:05		A TETRA VERMI BED AND A PROCESS FOR COMPOSTING AGRICULTURAL WASTE	DHOOT KISHORILAL RAMNATH,DHOOT KAMLESH KISHORILAL	09/07/2010	MUMBAI
13	255583	2504/MUM/2009	28/10/2009	30/04/2009	METHOD AND APARATUS FOR SEPARATING ACIDIC GASES FROM SYNGAS	MITSUBISHI HEAVY INDUSTRIES LTD.	11/11/2011	MUMBAI
14	255585	606/MUMNP/2010	07/10/2008	12/10/2007	MULTI-STEP METHOD FOR PRODUCING TITANIUM DIOXIDE	KRONOS INTERNATIONAL, INC.	13/08/2010	MUMBAI
15	255589	1472/MUMNP/2009	08/02/2008	09/02/2007	METHODS OF RECOVERING HYDROCARBONS FROM HYDROCARBONACEOUS MATERIAL USING A CONSTRUCTED INFRASTRUCTURE AND ASSOCIATED SYSTEMS	RED LEAF RESOURCES,INC.	26/02/2010	MUMBAI
16	255596	550/MUMNP/2008	22/08/2006	19/10/2005	WIND-ON DEVICE FOR WORKSTATIONS OF TWO-FOR-ONE TWISTERS AND PLY TWISTERS	OERLIKON TEXTILE GMBH & CO. KG	11/07/2008	MUMBAI
17	255597	1549/MUM/2007	10/08/2007		A SYSTEM AND METHOD FOR REDUCING THE DISCHARGE TEMPERATURE OF HOT COMPRESSED AIR FOR PNEUMATIC AIR HANDLING DEVICES	CTR MANUFACTURING INDUSTRIES LTD.,	21/09/2007	MUMBAI
18	255598	2013/MUM/2006	18/10/2002		A PROCESS FOR THE PREPARATION OF THREE-DIMENSIONAL TISSUE EQUIVALENT USING MACROMASS CULTURE	RELIANCE LIFE SCIENCES PRIVATE LIMITED	08/08/2008	MUMBAI
19	255599	652/MUM/2007	17/05/2005		A METHOD FOR MANUFACTURING A MEDICAMENT FOR TREATING NON-ISCHEMIC HEART DISEASE	RELIANCE LIFE SCIENCES PRIVATE LIMITED	28/11/2008	MUMBAI
20	255602	408/MUMNP/2010	01/09/2008	10/09/2007	A METHOD FOR DETECTING A KINASE ACTIVITY OR PHOSPHATASE ACTIVITY	HOFFMANN-LA ROCHE AG	30/07/2010	MUMBAI
21	255603	249/MUMNP/2008	08/09/2006	08/09/2005	A METHOD FOR SELECTIVELY DECOUPLING THE DRIVE TRAIN FROM THE WHEELS	VOLVO LASTVAGNAR AB	29/02/2008	MUMBAI
22	255605	276/MUM/2006	28/02/2006		CONDUCTIVE TUBING FOR HEATING NON-CORROSIVE LIQUIDS	BAND DILIP BABURAO,PATIL SUNIL SHANKAR	19/10/2007	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255545	2467/CHENP/2006	02/12/2004	07/12/2003	METHOD AND A SYSTEM FOR ADAPTIVE FEC CODEWORD MANAGEMENT	ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INCORPORATED	08/06/2007	CHENNAI
2	255547	2364/CHENP/2006	10/12/2004	29/12/2003	METHOD AND APPARATUS FOR CONTENT RECOMMENDATION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	06/07/2007	CHENNAI
3	255553	4722/CHENP/2007	23/03/2006	23/03/2005	APPARATUS FOR USE AS A HEAT PUMP	ISENTROPIC LIMITED	11/01/2008	CHENNAI
4	255554	1731/CHENP/2008	22/08/2006	07/10/2005	PROCESS FOR SETTING THE LINE STRENGTH IN A WORKING GAP OF A ROLLER PAIR AS WELL AS A DEVICE FOR CONDITIONING A WEB OF MATERIAL	Kusters Textile GmbH	26/12/2008	CHENNAI
5	255556	620/CHE/2005	24/05/2005		METHOD OF PRINTING INFORMATION IN AN ELECTRONIC FORM	SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.	28/09/2007	CHENNAI
6	255557	1071/CHE/2005	05/08/2005		METHOD FOR UPGRADING FIRMWARE IN A PLURALITY OF PERIPHERAL DEVICES	SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.	12/10/2007	CHENNAI
7	255558	757/CHE/2005	20/06/2005		METHOD OF HANDLING A PRINT REQUEST AT A PRINTER CONNECTED IN A PRINT NETWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.	27/07/2007	CHENNAI
8	255569	2882/CHENP/2004	20/06/2003	20/06/2002	AUTHENTICATION IN A COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
9	255579	596/CHE/2005	19/05/2005		IMPROVED PROCESS FOR THE PURIFICATION OF PIPERACILLIN	ORCHID CHEMICALS & PHARMACEUTICALS LTD	27/07/2007	CHENNAI
10	255581	835/CHENP/2007	22/07/2005	29/07/2004	FIXED-BED CATALYTIC REACTOR	METHANOL CASALE S.A.	03/08/2007	CHENNAI
11	255582	4408/CHENP/2006	27/05/2005	01/06/2004	3-AMINO-1-ARYLPROPYL INDOLES AS MONOAMINE REUPTAKE INHIBITOR	F.HOFFMANN-LA ROCHE AG	29/06/2007	CHENNAI
12	255606	497/CHE/2005	27/04/2005	30/04/2004	DROP TUBE ASSEMBLIES FOR USE WITH A LIQUID RESERVOIR	DELAWARE CAPITAL FORMATION INC	25/01/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255543	1724/KOLNP/2007	04/11/2005	04/11/2004	PYRAZOLO[1,5-A]PYRIMIDINES USEFUL AS INHIBITORS OF PROTEIN KINASES	VERTEX PHARMACEUTICALS INCORPORATED	27/07/2007	KOLKATA
2	255548	3522/KOLNP/2006	11/01/2005	03/05/2004	A STENT FOR APPLICATION IN A BODY VESSEL	QUALIMED INNOVATIVE MEDIZINPRODUKTE GMBH	15/06/2007	KOLKATA
3	255555	1390/KOL/2007	10/10/2007	30/10/2006	A CONDUCTIVE TERMINAL	OMRON AUTOMOTIVE ELECTRONICS CO., LTD.	10/04/2009	KOLKATA
4	255559	2197/KOLNP/2006	05/02/2005	23/02/2004	METHOD AND APPARATUS FOR INCREASING THE FATIGUE LIFE, IN PARTICULAR THE BENDING FATIGUE LIFE AND THE TORSIONAL FATIGUE LIFE OF CRANKSHAFTS	MASCHINENFABRIK ALFING KESSLER GMBG	18/05/2007	KOLKATA
5	255560	1071/KOLNP/2007	13/09/2004	13/09/2004	A METHOD OF PRODUCING AN OXIDIZED COMPOUND	TAKEDA PHARMACEUTICAL COMPANY LIMITED	13/07/2007	KOLKATA
6	255568	1536/KOLNP/2007	15/10/2005	15/10/2004	A LASER-MARKABLE MOLDING COMPOSITION	CHEMISCHE FABRIK BUDENHEIM KG.	27/07/2007	KOLKATA
7	255572	975/KOLNP/2006	15/10/2004	16/10/2003	A MICROWAVE OVEN	LG ELECTRONICS INC.	20/04/2007	KOLKATA
8	255573	2433/KOLNP/2007	30/11/2005	08/12/2004	FIXED BED COAL GASIFIER	SASOL TECHNOLOGY (PROPRIETARY) LIMITED	24/08/2007	KOLKATA
9	255574	1509/KOL/2007	02/11/2007	28/11/2006	A VEHICLE POWER TRAIN FOR AN ELECTRIC HYBRID VEHICLE PROVIDING ENERGY EFFICIENCY AND OUTPUT TORQUE DURING ENGINE-OFF BATTERY ONLY OPERATION	GM GLOBAL TECHNOLOGY OPERATIONS, INC	11/07/2008	KOLKATA
10	255575	2600/KOLNP/2005	07/06/2004	19/06/2003	A FOUR-CYCLE ENGINE WITH EXHAUST GAS PURIFIER	YAMAHA HATSUDOKI KABUSHIKI KAISHA	20/10/2006	KOLKATA
11	255590	1928/KOLNP/2004	11/06/2003	12/06/2002	A PROCESS FOR COMPENSATING A MAGNETIC FIELD IN A COUPLING UNIT	MARVELL HISPANIA, S.L.	04/08/2006	KOLKATA

12	255591	2126/KOLNP/2005	19/03/2004	15/04/2003	AN EXTRUDER	BLACH VERWALTUNGS GMBH & CO. KG	27/07/2007	KOLKATA
13	255592	192/KOL/2008	01/02/2008		A MULTIPURPOSE SECURITY DEVICE	SHAMPA ENGINEERING WORKS	22/02/2008	KOLKATA
14	255593	34/KOL/2004	22/01/2004	26/02/2003	SEPARATION DEVICE TO REMOVE FINE PARTICLES	KELLOGG BROWN & ROOT, INC.	26/05/2006	KOLKATA
15	255594	537/KOL/2007	03/04/2007		AN IMPROVED SHAVING SYSTEM PRIMARILY FOR USE OF BARBERS	HARBANS LAL MALHOTRA & SONS PVT. LTD	17/10/2008	KOLKATA
16	255600	2716/KOLNP/2006	12/04/2005	13/04/2004	ELECTROCHEMICAL DEVICE COMPRISING ELECTRODE LEAD HAVING PROTECTION DEVICE	LG CHEM, LTD.	01/06/2007	KOLKATA
17	255601	5093/KOLNP/2007	12/06/2006	15/06/2005	MAGNETIC STIMULATING CIRCUIT FOR NERVOUS CENTRALIS SYSTEM, APPARATUS, PURPOSE, AND METHOD THEREOF	ZHENG, YUNFENG	02/01/2009	KOLKATA
18	255607	466/KOLNP/2006	11/08/2004	30/09/2003	A METHOD FOR PREVENTING A SPURIOUS RETRANSMISSION DURING A PLANNED INTERRUPTION OF COMMUNICATIONS, MOBILE STATION, BASE STATION AND WIRELESS COMMUNICATION SYSTEM THEREFOR	MOTOROLA, INC.	03/08/2007	KOLKATA

CONTINUED TO PART- 2