

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1169/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :21/05/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : QUEUED COOPERATIVE WIRELESS NETWORKS CONFIGURATION USING RATELESS CODES

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :Bangalore Karnataka India

(72)Name of Inventor :

1)Neelesh B. Mehta

2)Vinod Sharma

3)Gaurav Bansal

(57) Abstract :

A system using cooperative communication with rateless codes is presented that uses communication transmission aspects of cooperative communication with rateless codes over Rayleigh fading channels and queuing aspects for buffering messages at intermediate relays. The system transmits a subsequent message while a current message is en route to the destination by receiving and buffering the current message in queues at intermediate relays. A relay with a best instantaneous communication link to the source may receive a message first and forward the received message to the destination. Alternatively, if inter-relay communication links are strong, all relays may cooperate simultaneously.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1461/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :15/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FROM SHIKIMIC ACID TO OSELTAMIVIR PHOSPHATE

(51) International classification	:C07D227/28, C07C229/48
(31) Priority Document No	:07116617.7
(32) Priority Date	:18/09/2007
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2008/061838
Filing Date	:08/09/2008
(87) International Publication No	:WO 2009/037137 A3
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :124 GRENZACHERSTRASSE, CH-
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(72)Name of Inventor :

1)TRUSSARDI, RENE

(57) Abstract :

The present invention relates to a process for the preparation of a 4,5-diamino shikimic acid derivative of formula I and pharmaceutically acceptable addition salts thereof wherein R₁, R₁ are independent of each other H or alkyl, R₂ is an alkyl and R₃,R₄ are independent of each other H or an alkanoyl, with the proviso that not both R₃ and R₄ are H. 4,5-diamino shikimic acid derivatives of formula I, especially the (3R,4R,5S)-5-amino-4-acetylamino-3-(1-ethyl-propoxy)-cyclohex-1-ene-carboxylic acid ethyl ester and its pharmaceutically acceptable additional salts are potent inhibitors of viral neuraminidase.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1792/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SEMICONDUCTOR DEVICE, LIQUID DISCHARGE HEAD, LIQUID DISCHARGE CARTRIDGE, AND LIQUID DISCHARGE APPARATUS

(51) International classification	:B41J2/05	(71)Name of Applicant :
(31) Priority Document No	:2010-123302	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:28/05/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAZUNARI FUJII
(87) 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 semiconductor device including segments, a power supply pad and conductive patterns is provided. Each segment includes driving units for discharging a liquid. Each driving unit includes a driving circuit and an element driven by the driving circuit to apply discharging energy to the liquid. The conductive pattern includes a first conductive portion connected to the power supply pad, a second rectangular conductive portion, a third conductive portion connected to the driving units, and a connection portion which connects the second and third conductive portions. These conductive portions elongate in a first direction. In a second direction, a length of the second conductive portion is larger than a length of the first conductive portion. The second conductive portion is connected to the first conductive portion at a first corner and the connection portion at a second corner diagonal to the first corner.

No. of Pages : 48 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1915/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : INK COMPOSITION FOR INKJET RECORDING, INKJET RECORDING METHOD AND PRINTED MATERIAL OBTAINED BY INKJET RECORDING

(51) International classification	:B32B3/10, B41J2/01, C08K5/1535	(71)Name of Applicant : 1)FUJIFILM CORPORATION Address of Applicant :26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO Japan
(31) Priority Document No	:2010- 132365	(72)Name of Inventor :
(32) Priority Date	:09/06/2010	1)NAKAMURA, IPPEI
(33) Name of priority country	:Japan	2)KYOTA, HIROKAZU
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 provides an ink composition for inkjet recording, including: a component (A) that is a compound having two or more groups represented by the following Formula (1); a component (B) that is at least one selected from the group consisting of an organic solvent represented by the following Formula (2) and an organic solvent represented by the following Formula (3); and (C) a colorant: wherein in Formula (1), each of Ra and Rb independently represents an alkyl group having 1 to 4 carbon atoms, and Ra and Rb may be bonded to each other to form a four- to six-membered ring: wherein in Formula (2), each of R1 and R2 independently represents -CH2-, -NR6- or -O-; R1 and R2 are not both -CH2-; R6 represents an alkyl group having 1 to 3 carbon atoms, a hydroxyalkyl group having 1 to 3 carbon atoms, a hydroxyl group or a hydrogen atom; R3 represents a hydrocarbon group represented by -CraH2m-, -CmH2m-2- or -CmH2m.4-; and m is an integer from 2 to 8: wherein in Formula (3), R4 represents -NR7- or -O-; R7 represents an alkyl group having 1 to 3 carbon atoms, a hydroxyalkyl group having 1 to 3 carbon atoms, a hydroxyl group or a hydrogen atom; R5 represents a hydrocarbon group represented by -CnH2n-, -CnH2n-2- or -CnH2n-4-; and n is an integer from 2 to 8.

No. of Pages : 59 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1329/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :09/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : ZSM-5, ITS PREPARATION AND USE IN ETHYLBENZENE DEALKYLATION

(51) International classification	:C07C4/18, B01J29/40, B01J29/44
(31) Priority Document No	:60/971,130
(32) Priority Date	:10/09/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/061967
Filing Date	:10/09/2008
(87) International Publication No	:WO 2009/0340936 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)SHELL INTERNATIONALE RESEARCH
MAATSCHAPPIJ B.V.**

Address of Applicant :CAREL VAN BYLANDTLAAN 30,
NL-2596 HR THE HAGUE Netherlands

(72)Name of Inventor :

1)DOMOKOS, LASZLO

2)HASWELL, RALPH

3)LI, HONG-XIN

(57) Abstract :

A new configuration of ZSM-5 is provided whereby the crystals have a higher average silica to alumina ratio at the edges of each crystallite than in the centre as determined from a narrow slit line scan profile obtained from SEM/EDX or TEM/EDX elemental analysis. Such ZSM-5 crystals are obtained by a preparation process using L-tartaric acid. The new configuration ZSM-5 provides significantly reduces xylene losses in ethylbenzene dealkylation.esepecially when combined with silican as binder and one or more hydrogenation metals selected from platinum,tin,lead,silver,copper and nickel. Further advantages are found if used in combination with a small crystal size ZSM-5.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1459/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :22/06/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM TO GENERATE SECURITY THREAT REPORT IN A PLANT

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Yokogawa Electric Corporation
(32) Priority Date	:NA	Address of Applicant :9-32 2-chome Nakacho Musashino-
(33) Name of priority country	:NA	shi Tokyo 180-8750 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOTHI BASKARAN KALIAMOORTHY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides for a method and a system to generate security threat report in the area of Industrial Automation. This includes configuring a scheduler 107 for selected or all Human Interface Stations 102 in a plant data network. Further, the security threat data is collected from the Human Interface Station(s) 102 of the network based on predetermined constrains assigned by the scheduler 107. Once the data is collected, it is stored into a storage unit 106 to obtain key performance index (KPI) by performing index calculation on the stored data. These KPIs are later used to generate security threat reports.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1959/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :09/07/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS FOR TREATING SKIN DISORDERS

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr.ReddyTMs Laboratories Limited
(32) Priority Date	:NA	Address of Applicant :7-1-27 Ameerpet Hyderabad Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	2)Dr.ReddyTMs Laboratories Inc.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Madhusudhan Bommagani
(61) Patent of Addition to Application Number	:NA	2)Surieddi Lakshmi Satya Maanasa
Filing Date	:NA	3)Nilendu Sen
(62) Divisional to Application Number	:NA	4)Vijendra Nalamothu
Filing Date	:NA	

(57) Abstract :

Topical pharmaceutical compositions comprising shea butter, aloe butter, mango butter, cocoa butter, and one or more pharmaceutically acceptable excipients. Further, topical compositions comprising squalene, aloe vera, vitamin E acetate, and one or more pharmaceutically acceptable excipients is disclosed. These compositions are useful for the treatment of areas of skin of a person afflicted with psoriasis, dermatitis, skin disorders such as dry skin, eczema, itchy skin, red skin, inflamed and or cracked skin, severe dryness or scaling of palms, to provide a moisturizing effect to the skin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1989/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/07/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : ROUNDTEX (POWERLOOM)

(51) International classification

:D03D

(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)E. PALANISAMY

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STREET, KANNAMPALAYAM (PO), SULUR (VIA),
COIMBATORE - 402. Tamil Nadu India

(72)Name of Inventor :

1)E. PALANISAMY

(57) Abstract :

This textile power loom machine gets full of thread in the cone, the next cone will automatically sending out of the filled cones and its working so as to continuously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2059/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:G06F12/14, H04L9/32	(71)Name of Applicant : 1)SONY CORPORATION
(31) Priority Document No	:P2010- 143361	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(32) Priority Date	:24/06/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)HIROSHI KUNO
(86) International Application No	:NA	2)KENJIRO UEDA
Filing Date	:NA	3)TAKAMICHI HAYASHI
(87) International Publication No	: NA	4)MUNETAKE EBIHARA
(61) Patent of Addition to Application Number	:NA	5)KOJI YOSHIMURA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An information processing device includes: a memory having a protected area which is a data recording area in which access restriction is set; and a data processing unit that determines accessibility in response to a request for accessing the protected area from an access requesting device, wherein the data processing unit verifies a device certificate received from the access requesting device and determines accessibility to the protected area based on access control information recorded in the device certificate.

No. of Pages : 151 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2102/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS AND METHOD FOR MANUFACTURING GLASS PREFORM

(51) International classification	:C03B37/018	(71)Name of Applicant :
(31) Priority Document No	:2010-142837	1)FUJIKURA LTD.
(32) Priority Date	:23/06/2010	Address of Applicant :5-1, KIBA 1-CHOME, KOTO-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TAKAYUKI KITAMURA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for manufacturing a glass perform, includes: a dummy tube section, a reservoir portion, and a cooling portion; and a glass tube section in which particles of an alkali metal compound or an alkaline earth metal compound which have flowed into the glass tube section from the dummy tube section are heated by a second heat source which performs traverse, and oxides of the particles being deposited on an inner wall and dispersed in the glass tube section. In the cooling portion of the dummy tube section, vapor of the alkali metal compound or the alkaline earth metal compound generated by heating of a first heat source is cooled and condensed by a dry gas flowing into the dummy tube section, and thereby the particles are generated.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :16/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:H04N5/93, H04N9/80	(71)Name of Applicant : 1)SONY CORPORATION
(31) Priority Document No	:P2010- 142864	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(32) Priority Date	:23/06/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)MOTOKI KATO
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An information processing device includes: a processor determining whether a basic stream that can be reproduced singly and an extended stream used for reproduction with the basic stream forming a video stream of contents to be copied are interleaved with respect to each data in a predetermined unit and recorded in a first recording medium based on control information recorded in the first recording medium; and a recording controller, in the case of a determination that the basic and extended streams are interleaved with respect to each data in the predetermined unit and recorded, designating a first file among the first file that manages the basic stream and allowing copying of the basic stream to a second recording medium, and designating a second file that manages the extended stream and allowing copying of the extended stream to the second recording medium.

No. of Pages : 148 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2049/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification

:G09G5/00

(31) Priority Document No

:P2010-
142461

(32) Priority Date

:23/06/2010

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO Japan

(72)Name of Inventor :

1)MITSURU NISHIBE

2)KOICHI KAWASAKI

3)TSUYOSHI ISHIKAWA

4)KENJI HISANAGA

(57) Abstract :

An apparatus and method provide logic for formatting electronic content. In one implementation, an apparatus includes a generation unit configured to generate a signal for displaying content to a user on a display screen, and a receiving unit configured to receive information associated with a selection by the user of the displayed content. An identification unit is configured to identify a content element corresponding to the displayed content selection, based on at least the received information, and a formatting unit configured to format the identified content element by applying a formatting structure to the identified content element. The generation unit generates a signal for displaying the formatted content element on the display screen.

No. of Pages : 66 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2099/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPATIAL ASSOCIATION BETWEEN VIRTUAL AND AUGMENTED REALITY

(51) International classification	:G06T15/00, G09G5/00	(71) Name of Applicant : 1)PALO ALTO RESEARCH CENTER INCORPORATED
(31) Priority Document No	:12/823,939	Address of Applicant :3333 COYOTE HILL ROAD, PALO
(32) Priority Date	:25/06/2010	ALTO, CA 94304 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MICHAEL ROBERTS
Filing Date	:NA	2)JAMES BEGOLE
(87) International Publication No	: NA	3)MAURICE CHU
(61) Patent of Addition to Application Number	:NA	4)DORON KLETTER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One embodiment of the present invention provides a system that facilitates interaction between two entities located away from each other. The system includes a virtual reality system, an augmented reality system, and an object-state-maintaining mechanism. During operation, the virtual reality system displays an object associated with a real-world object. The augmented reality system displays the object based on a change to the state of the object. The object-state-maintaining mechanism determines the state of the object and communicates a state change to the virtual reality system, the augmented reality system, or both. A respective state change of the object can be based on one or more of: a state change of the real-world object; a user input to the virtual reality system or the augmented reality system; and an analysis of an image of the real-world object.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2114/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : MANUFACTURING METHOD OF HERMETIC CONTAINER, AND MANUFACTURING METHOD OF IMAGE DISPLAYING APPARATUS

(51) International classification	:B32B37/16, B32B37/10, B32B37/12	(71) Name of Applicant : 1)CANON KABUSHIKI KAISHA Address of Applicant :30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan
(31) Priority Document No	:2010- 144893	(72) Name of Inventor :
(32) Priority Date	:25/06/2010	1)KAZUYA ISHIWATA
(33) Name of priority country	:Japan	2)MAMO MATSUMOTO
(86) International Application No	:NA	3)TOMOHIRO SAITO
Filing Date	:NA	4)NOBUHIRO ITO
(87) 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 manufacturing method of a highly-reliable hermetic container having both joining strength and airtightness is provided. Sealants of which a viscosity has a negative temperature coefficient and of which softening point is lower than that of each of first and second glass substrates are formed in a frame shape having a discontinuous portion on the first glass substrate, and the second glass substrate is disposed to face the first glass substrate so as to press the sealants formed thereon by contacting them. Local heating light is irradiated to form the discontinuous portion at a boundary between a region irradiated by the local heating light and a region not irradiated by the local heating light, and a portion adjacent to the discontinuous portion is heated and melted to close the discontinuous portion, whereby a continuous sealed portion between the first and second glass substrates is formed.

No. of Pages : 49 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2010

(21) Application No.1960/CHE/2010 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CINACALCET

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIVVELA VENKATA NAGA SRINIVASA RAO
(87) International Publication No	: NA	2)DEEKONDA SATHEESH
(61) Patent of Addition to Application Number	:NA	3)RACHA LENIN
Filing Date	:NA	4)UTTAM KUMAR RAY
(62) Divisional to Application Number	:NA	5)AMINUL ISLAM
Filing Date	:NA	6)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention provides an improved process for the preparation of N-[(1R)-1-(1-naphthyl)ethyl]-3-[3-(trifluoromethyl)phenyl]propan-1-amine hydrochloride of Formula (I), which comprises: (i) condensing 3-[3-(trifluoromethyl)phenyl]-2-propenal (Xa), with (R)-1-(1-naphthyl)ethylamine (VII), in the presence of a catalyst to produce Schiff base of formula (VIII), (ii) reducing Schiff base of formula (VIII) in the presence of H₂ and a catalyst to produce Cinacalcet free base, (iii) treating Cinacalcet free base with HCl to produce Cinacalcet hydrochloride (I).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2012/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AM/PM DISPLAY DEVICE FOR A TIMEPIECE

(51) International classification	:G04B19/20, G04B19/22, G04B19/26	(71)Name of Applicant : 1)COMPAGNIE DES MONTRES LONGINES, FRANCILLON S.A.
(31) Priority Document No	:10166358.1	Address of Applicant :2610, ST-IMIER Switzerland
(32) Priority Date	:17/06/2010	(72)Name of Inventor :
(33) Name of priority country	:EPO	1)OLIVIER MAHLER
(86) International Application No	:NA	2)RAPHAEL LOEFFEL
Filing Date	:NA	
(87) 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 concerns an AM/PM display disc (1), rotating in one day about an axis of rotation (2), including two different juxtaposed surfaces (3,4). It is characterized in that the surfaces are delimited, between a hub (5) and the periphery (6) of said disc (1) by two boundary curves (7, 8), each tangential to said periphery (6) and having a single concavity from said periphery (6) towards said hub (5), the concavities of said curves (7, 8) having the same direction relative to the direction of rotation (A) of said disc (1), and any radial line originating from said axis (2) intersecting, in succession, one of said two surfaces, then the other, and only passing through one of said curves between said hub (5) and said periphery (6). The invention also concerns an AM/PM display device (100) including an aperture (20) and a disc of this type (1), characterized in that said axis (2) is external to said aperture (20) which is symmetrical relative to an axis of symmetry (22) passing through said axis of rotation (2). The invention also concerns a timepiece incorporating a device (100) of this type.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2097/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPLEMENTING SUBSTATION AUTOMATION LOAD TRANSFER FUNCTION

(51) International classification	:G06F1/28	(71)Name of Applicant :
(31) Priority Document No	:10167226.9	1)ABB TECHNOLOGY
(32) Priority Date	:24/06/2010	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:EPO	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PETER RIETMANN
(87) International Publication No	: NA	2)WOLFGANG WIMMER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of implementing, or engineering, topology-dependent functions based on a formal description of the Substation Automation system, by performing a topology analysis of the current single line state. A topology interpreting implementation replacing complex topology analysis logics requires only the project specific static single line topology and the connection to the real process state data. All this information can be delivered in an IEC 61850 conforming SCD file, which readily exists for any IEC 61850 based system. The engineering and testing effort of automatic load transfer functions for more complex single line topologies is thus reduced drastically. Also the interface description for controlling and monitoring the load transfer application can be generated automatically from the SCD file.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2124/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : REMOTE CONTROL DEVICE, REMOTE CONTROL SETTING METHOD AND PROGRAM

(51) International classification	:G06F15/173	(71)Name of Applicant :
(31) Priority Document No	:P2010-149368	1)SONY CORPORATION
(32) Priority Date	:30/06/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)RYO SAKABE
Filing Date	:NA	2)HIROKI INAMITSU
(87) International Publication No	: NA	3)TAKAHIRO USHIODA
(61) Patent of Addition to Application Number	:NA	4)NAOKI YUASA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a remote control device including: a communication unit that can perform communication through a network; a remote control unit that can transmit one or more control commands to a controlled device in response to an operation by a user; a storage unit that stores control command information specifying the one or more control commands to be transmitted from the remote control unit; and a setting unit that sets the control command information to the storage unit based on a result of communication by the communication unit with a controlled device through the network, wherein the setting unit detects a controlled device connected to the network by transmitting a device search signal from the communication unit, acquires device information of the detected controlled device from the controlled device, and decides the control command information to be set to the storage unit based on the acquired device information.

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1306/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : LABELING AND PREPARATION DEVICE FOR TEST TUBES

(51) International classification :B01L9/06
(31) Priority Document No :1020070091623
(32) Priority Date :10/09/2007
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/005075
Filing Date :29/08/2008
(87) International Publication No :WO 2009/035225 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ENERGIUM CO., LTD
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Republic of Korea
(72)**Name of Inventor :**
1)KIM, SUNG-LIM
2)KANG, JUNG-HUN
3)JU, JIN-SAM
4)LEE, KANG-HEE
5)PARK, CHANG-SOON

(57) Abstract :

A labeling and preparation device for test tubes. At least one storage section places at least one pallet having a set of test tubes at a preset position. At least one transfer section is disposed above the storage section, and clamps or releases one of the test tubes. A labeling section is disposed below the transfer section, receives the test tubes transferred from the transfer section, and attaches a label having information related to a sample on a circumference of each test tube. An ejection section is disposed below the labeling section, and ejects the test tubes to an outside. A controller controls drivers of the transfer section, the labeling section and the ejection section.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1972/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :12/07/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : BRITE DRIVER A SCREW DRIVER WITH IN BUILT LIGHT TO ILLUMINATE THE SCREW

(51) International classification	:B25B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAURINDRA KUMAR MAJUMDAR
(32) Priority Date	:NA	Address of Applicant :4I6 C, SECTOR ELEVEN
(33) Name of priority country	:NA	UKKUNAGARAM, VISAKHAPATNAM PIN 530 032 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	2)SABITA MAJUMAR
(87) International Publication No	: NA	3)KRISHNANSH MAJUMDAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAURINDRA KUMAR MAJUMDAR
(62) Divisional to Application Number	:NA	2)SABITA MAJUMDAR
Filing Date	:NA	3)KRISHNANSH MAJUMDAR

(57) Abstract :

We clame to have invented a device called Brite Driver, which is a screw Driver for tightening and opening of screws and other items as required, having light illuminated to facilitate driving the screw or bolts or similar objects during insufficient light.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :13/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INKJET RECORDING APPARATUS AND INKJET RECORDING METHOD

(51) International classification :B41J2/21
(31) Priority Document No :2010-139954
(32) Priority Date :18/06/2010
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CANON KABUSHIKI KAISHA

Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU,
TOKYO Japan

(72)Name of Inventor :

1)SHIGEYASU NAGOSHI

2)SATOSHI AZUMA

3)YOSHIAKI MURAYAMA

4)MINORU TESHIGAWARA

5)SUSUMU HIROSAWA

6)YUTAKA KANO

7)TAKESH MURASE

8)KENTAROU MURO

9)MASAO KATO

10)MINAKO KATO

(57) Abstract :

The present invention provides a recording apparatus including recording heads each including a plurality of nozzle arrays that are arranged so as to overlap, wherein overlapping portions of the recording heads for two different colors are separated from each other with a distance therebetween in an array direction of nozzles.

No. of Pages : 59 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2060/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:H04L29/06, G06F21/00	(71)Name of Applicant : 1)SONY CORPORATION
(31) Priority Document No	:P2010- 143360	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(32) Priority Date	:24/06/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)KENJIRO UEDA
(86) International Application No	:NA	2)KOJI YOSHIMURA
Filing Date	:NA	3)HIROSHI KUNO
(87) International Publication No	: NA	4)TAKAMICHI HAYASHI
(61) Patent of Addition to Application Number	:NA	5)MUNETAKE EBIHARA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An information processing device includes: a data processing unit that executes a process of reproducing content recorded in a medium; and a memory storing a content revocation list in which an identifier (ID) of revoked content is recorded, wherein the data processing unit compares a minimum allowable version of a content revocation list recorded in a token which is management data corresponding to content recorded in the medium with a version of a content revocation list acquired from the memory, and when the version of the content revocation list acquired from the memory is an old version lower than the minimum allowable version of the content revocation list recorded in the token, the data processing unit halts determination on revocation of content based on the content revocation list acquired from the memory and reproduction of content.

No. of Pages : 162 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2061/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:H04L9/32	(71)Name of Applicant :
(31) Priority Document No	:P2010-143362	1)SONY CORPORATION
(32) Priority Date	:24/06/2010	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KENJIRO UEDA
Filing Date	:NA	2)KOJI YOSHIMURA
(87) International Publication No	: NA	3)HIROSHI KUNO
(61) Patent of Addition to Application Number	:NA	4)TAKAMICHI HAYASHI
Filing Date	:NA	5)MUNETAKE EBIHARA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An information processing device includes: a data processing unit that executes a process of reproducing content recorded in a medium, wherein the data processing unit acquires a token from the medium, the token being- management data corresponding to content recorded in the medium, compares a server ID recorded in the acquired token with a server ID recorded in a server certificate acquired from a server from which the management data is acquired, and halts reproduction of content when the two server IDs are not identical.

No. of Pages : 151 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2749/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PERIPHERAL OPIOID RECEPTOR ANTAGONISTS AND USES THEREOF

(51) International classification :C07D471/08,
A61K31/485
(31) Priority Document No :61/101,201
(32) Priority Date :30/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/059058
Filing Date :30/09/2009
(87) International Publication No :WO 2010/039851 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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3)FABIAN, STEVEN R.

4)LOKHNAUTH, JOHN

5)MEGATI, SREENIVASULU

6)MELUCCI, CHARLES

7)OFSLAGER, CHRISTIAN

8)PATEL, NIKETA

9)RADEBAUGH, GALEN

10)SHAH, SYED M.

11)SZELIGA, JAN

12)ZHANG, HUYI

13)ZHU, TIANMIN

(57) Abstract :

The present invention provides a compound of formula I: wherein X, R1, and R2 are as defined herein, and compositions thereof.

No. of Pages : 88 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2156/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STAMPED ELECTRICAL TERMINAL

(51) International classification	:H01R4/48, H01R43/20	(71) Name of Applicant : 1)LEAR CORPORATION
(31) Priority Document No	:61/360,938	Address of Applicant :21557 TELEGRAPH ROAD,
(32) Priority Date	:02/07/2010	SOUTHFIELD, MICHIGAN 48033 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MICHAEL GLICK
Filing Date	:NA	2)SLOBODAN PAVLOVIC
(87) International Publication No	: NA	3)CECIL LAMAR BROWN II
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electrical terminal operable to facilitate electrical connectivity between the terminal and an electrical connector. The electrical terminal may include a conducting element, such as but not limited to a coil spring, within a open end used to connect to an electrically conducting connector. The conducting element may facilitate electrical connectivity between the inserted connector and the terminal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2157/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTRICAL PLUG HOUSING, ELECTRICAL PLUG AND METHOD FOR MANUFACTURING AN ELECTRICAL PLUG HOUSING

(51) International classification	:H02K15/14, H02K5/22	(71) Name of Applicant : 1)SALCOMP OYJ
(31) Priority Document No	:20105759	Address of Applicant :P.O. BOX 95, FI-24101 SALO Finland
(32) Priority Date	:02/07/2010	(72) Name of Inventor :
(33) Name of priority country	:Finland	1)HOKKANEN, JUKKA
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an electrical plug housing (1) and its manufacturing method. The housing (1) defines an internal cavity (2) and has opposed first and second ends (4, 5), the first end (4) of the housing (1) being provided with an opening (3) for receiving an electrical plug body (12) into the cavity (2), and the second end (5) of the housing (1) being provided with apertures (6) for receiving electrical pins (15). The housing (1) comprises as an integral part a shutter opening pin (7) protruding outwards from the second end (5) of the housing (1), the shutter opening pin (7) having a first end (9) and a second end (10), the second end (10) of the pin (7) being in connection with the second end (5) of the housing (1). The shutter opening pin (7) has a blind hole (8) which extends from the first end (9) of the pin (7) towards the second end (10) of the pin (7). The invention also concerns an electrical plug (11).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2178/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTRIC CONNECTION DEVICE BETWEEN THE FOOT OF A BIMETAL STRIP AND A TERMINAL STRIP IN AN ELECTRIC SWITCHGEAR APPARATUS, AND CIRCUIT BREAKER COMPRISING ONE SUCH DEVICE

(51) International classification	:H01H71/16, H01H7/08, H01H7/74	(71) Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(31) Priority Document No	:1002800	(72) Name of Inventor :
(32) Priority Date	:02/07/2010	1)BURRIAL, MAURICE
(33) Name of priority country	:France	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a device for electric connection between the foot of a bimetal strip and a contact strip in an electric switchgear apparatus, said bimetal strip being able to be moved by means of an adjustment screw so as to perform thermal adjustment of the bimetal strip, this device being characterized in that it comprises a flattened conductive part (6) fixed on the one hand on the contact strip (1) and on the other hand on the bimetal strip (2), said part being formed by at least one continuous conductive element wound and then flattened so as to give the latter both a length corresponding substantially to the distance separating the foot of the bimetal strip and the contact strip and a semi-rigid structure enabling it to deform under the effect of adjustment of the adjustment screw (7) so as to allow movement of the bimetal strip (2) while at the same time being sufficiently rigid to ensure relative placement of the foot of the bimetal strip with respect to the contact strip.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2850/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TOOL FOR EXAMINING A BOLT, AND CHECKING METHOD

(51) International classification :B25B29/02
(31) Priority Document No :08168118.1
(32) Priority Date :31/10/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP09/064237
Filing Date :28/10/2009
(87) International Publication No :WO 2010/049461
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :SEESTRASSE 55, POSTFACH, CH-6052 HERGISWIL Switzerland

(72)Name of Inventor :

1)STECK, PHILIPP

(57) Abstract :

Tool for checking a bolt (2) fixed in a surrounding structure (3), comprising a coupling element (7) detachably connectible with the bolt (2) in force-transmitting manner ,an engagement section (1a, 1a) which is detachably connectible with the coupling element (7) in force-transmitting manner, a rocker (1b, 1b) connected with the engagement section (1a, 1a1) and supportable at the surrounding structure (3) to be pivotable and an actuating element (1e) by way of which a force and/or a torque is so introducible into the rocker (1b, 1b) that the engagement section (1a, 1a1) can be displaced

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2163/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COLOR IMAGE FORMING APPARATUS

(51) International classification	:G03G15/01	(71) Name of Applicant :
(31) Priority Document No	:2010-149479	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:30/06/2010	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TAKEHIRO UCHIYAMA
(87) International Publication No	: NA	2)TAKATERU OHKUBO
(61) Patent of Addition to Application Number	:NA	3)KENJI WATANABE
Filing Date	:NA	4)KENICHI IIDA
(62) Divisional to Application Number	:NA	5)TOSHIAKI SAKO
Filing Date	:NA	6)HIROSHI HAGIWARA
		7)HIROMITSU KUMADA

(57) Abstract :

The image forming apparatus includes process units that are closely arranged around respective photosensitive members and act on the photosensitive members, a light emission section that forms an electrostatic latent image for detection on the photosensitive member and a detection section that detects the electrostatic latent image passes through a position facing to the process unit and a control section that performs misregistration correction control based on the detection result. It achieves to resolve a problem that is caused in detection of a conventional toner image for detection by an optical sensor and to enhance usability of an image forming apparatus.

No. of Pages : 128 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2762/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :11/11/2008

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR UPDATING SOCIAL NETWORKING SITE WITH RING BACK TONE INFORMATION

(51) International classification	:H04M, G06Q	(71) Name of Applicant : 1)ONMOBILE GLOBAL LIMITED
(31) Priority Document No	:NA	Address of Applicant :#26, BANNERGHATTA ROAD, J.P.
(32) Priority Date	:NA	NAGAR, PHASE-III, BANGALORE - 560 076 Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)VINAY NANJUNDAIAH
Filing Date	:NA	2)HARISH BABU
(87) International Publication No	: NA	3)ABHINAV ANAND
(61) Patent of Addition to Application Number	:NA	4)ANCHAL JAJODIA
Filing Date	:NA	5)VENKATESH SREEKAR
(62) Divisional to Application Number	:NA	6)ROHITH KORANAPALLI NAGARAJU
Filing Date	:NA	7)ALAPAN KUNDU

(57) Abstract :

A method for providing access to a socio-RBT service is provided. The socio-RBT service enables updating social networking website profile of a user with RBT related information of the user. The method enables, firstly, receiving socio-RBT subscription information from the use. The socio-RBT subscription information comprises at least one unique identifier of the user. Secondly, the method enables verifying one or more predetermined conditions related to the user. The one or more predetermined conditions facilitate to determine if the user is eligible to access the socio-RBT service. Further, the method enables mapping the unique identifier of the user with a unique identifier of the users social networking website profile. The method further enables obtaining RBT subscription information corresponding to the mapped unique identifier of the user. The method enables, finally, updating RBT related information on the social networking website profile of the user corresponding to the RBT subscription information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2849/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR DETERMINING THE STATE OF CHARGE OF A BATTERY IN CHARGING OR DISCHARGING PHASE

(51) International classification :G01R31/36
(31) Priority Document No :0806045
(32) Priority Date :30/10/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP09/007732
Filing Date :28/10/2009
(87) International Publication No :WO 2010/049148
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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PONANT D, F-75015 PARIS France
2)INSTITUT POLYTECHNIQUE DE GRENOBLE
(72)Name of Inventor :
1)MINGANT, REMY
2)LEFROU, CHRISTINE
3)REYNIER, YVAN

(57) Abstract :

Method for determining the state of charge of a battery in charging or discharging phase The method for determining the state of charge of a battery comprises measurement of an electric parameter of the battery during a charging or discharging phase of the battery followed by placing the battery in open circuit during a rest period (t0-t3). During the rest period (t0-t3), at least two values of the voltage at the battery terminals are measured. An indicator is then calculated according to the electric parameter and to values of the voltage measured during the rest period, and the state of charge corresponding to this indicator is then determined by means of a calibration curve representative of the variations of the indicator as a function of the state of charge of the battery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2854/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PRODUCING AMMONIA SYNTHESIS GAS

(51) International classification :C01B3/38
(31) Priority Document No :08017372.7
(32) Priority Date :02/10/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/060970
Filing Date :26/08/2009
(87) International Publication No :WO 2010/037598
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)FILIPPI, ERMANNO
2)BADANO, MARCO
3)SKINNER, GEOFFREY FREDERICK

(57) Abstract :

A process for producing ammonia synthesis gas, where a natural gas feedstock (10) is reformed in a primary steam reformer (12) and in a secondary reformer (14) at a pressure of at least 35 bar; the product syngas (16) at the output of the secondary reformer is cooled and subject to catalytic medium-temperature shift, converting the CO into CO₂ and H₂; downstream said medium-temperature shift, the carbon dioxide is removed from the syngas by physical absorption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2155/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTRICAL TERMINAL WITH COIL SPRING

(51) International classification	:H01R13/33	(71)Name of Applicant :
(31) Priority Document No	:61/360938	1)LEAR CORPORATION
(32) Priority Date	:02/07/2010	Address of Applicant :21557 TELEGRAPH ROAD,
(33) Name of priority country	:U.S.A.	SOUTHFIELD, MICHIGAN 48033 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROBERT A. STEWART
(87) International Publication No	: NA	2)SLOBODAN PAVLOVIC
(61) Patent of Addition to Application Number	:NA	3)MICHAEL GLICK
Filing Date	:NA	4)DAVID MENZIES
(62) Divisional to Application Number	:NA	5)CECIL LAMAR BROWN II
Filing Date	:NA	

(57) Abstract :

An electrical terminal operable to facilitate electrical connectivity between the terminal and an electrical connector. The electrical terminal may include a cap to facilitate positioning a conducting element, such as but not limited to a coil spring, within a receptacle used to connect to an electrically conducting connector. The conducting element may facilitate electrical connectivity between the inserted connector and the terminal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2177/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUPERCHARGING DEVICE FOR COMPRESSING CHARGE AIR FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B33/40, F01C17/06, F01C21/02	(71)Name of Applicant : 1)HANDTMANN SYSTEMTECHNIK GMBH & CO. KG Address of Applicant :ARTHUR-HANDTMANN-STRASSE 7/1, 88400 BIBERACH/RISS Germany
(31) Priority Document No	:10 2010 025 984.5	(72)Name of Inventor : 1)HUBERT HAGEL
(32) Priority Date	:02/07/2010	2)JURGEN LICHT
(33) Name of priority country	:Germany	3)STEFAN COLSCH
(86) International Application No	:NA	4)JOACHIM NUSSER
Filing Date	:NA	5)ANDREAS LECHLEITER
(87) 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 supercharging device for compressing charge air for an internal combustion engine having a scroll compressor is proposed, a displacement scroll (5) being connected to the supercharger shaft by way of an eccentric arrangement between a front bearing and rear bearing of the supercharger shaft (6), an externally driven drive element, such as a belt pulley or the like, being provided outside a housing (1) of the supercharging device, and the supercharger shaft (6) being connectable to the externally driven drive element by means of a controllable clutch member. The intended distinguishing features of the supercharging device according to the invention are a simpler bearing support and in particular a front bearing of smaller dimensions. This is achieved in that all connections of the drive and/or guide elements for the displacement scroll are arranged between the front bearing (2) and the rear bearing (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2857/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVED PURE CARBOXYLIC ACID FILTRATION

(51) International classification	:C07C51/265 , C07C51/47, C07C63/26
(31) Priority Document No	:61/110,141
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB09/002582
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/049697 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)INVISTA TECHNOLOGIES S.A.R.L.

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1)JACKSON, CHRISTOPHER, HOWARD

2)LIMBACH, ANTONY, PETER JOHN

3)MCDONNELL, FINBAR, GERALD

4)URE, ALAN, MACPEHERSON

(57) Abstract :

The present invention relates to a process for production of pure terephthalic acid comprising: a) removing a mother liquor from a terephthalic acid through a filter with a gas, wherein the gas comprises steam at a concentration of least about 50% by volume; b) purifying the gas; and c) recycling the gas purified in step (b) back to step (a).

No. of Pages : 18 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2858/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING A COOLING MODEL OF A DATA CENTER

(51) International classification	:G06F17/50, H05K 7/20
(31) Priority Document No	:12/259,214
(32) Priority Date	:27/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062113
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/062567 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHRISTOPHER HLASNY
2)JAMES W. VANGILDER
3)HENRIK DAAE
4)KRESTEN PETER VESTER

(57) Abstract :

A method for presenting a cooling model of a data center, the model including representations of at least one cooling provider, at least one cooling consumer and at least one perforated tile, the at least one cooling consumer having cooling requirements, the method comprising: segmenting the model into a plurality of layers, the plurality of layers having a first layer that includes the at least one perforated tile and a second layer that includes the at least one cooling consumer; receiving an indication to reposition the first layer relative to the second layer; determining, in response to the indication, at least one new position for the at least one perforated tile relative to the at least one cooling consumer; determining a cooling metric measuring the ability of the at least one cooling provider to meet the cooling requirements of the at least one cooling consumer via the at least one perforated tile in the at least one new position; and displaying the model on a computer system, the at least one cooling consumer including an indication of the cooling metric.

No. of Pages : 47 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2871/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR MANUFACTURING PATTERNED CHAIR AND PATTERNED CHAIR MANUFACTURED BY THAT MANUFACTURING METHOD

(51) International classification	:A47C7/16, A47C5/00, A47C5/12
(31) Priority Document No	:2008-286144
(32) Priority Date	:07/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/063944
Filing Date	:06/08/2009
(87) International Publication No	:WO 2010/052959
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOSHIYUKI YOSHINO

Address of Applicant :1-13-301, SETA 2-CHOME,
SETAGAYA-KU, TOKYO 1580095 Japan

(72)Name of Inventor :

1)TOSHIYUKI YOSHINO

(57) Abstract :

The present invention has an object to provide a graphic chair having a fine graphic, wherein the chair is made of a transparent material, the graphic can be clearly seen from any side of the material, and the graphic is not damaged by mechanical contact from both sides; and to provide a graphic chair with a personalized design producible cheaply even if the system of producing various kinds of products in small lots is employed. The foregoing objects could be achieved by a method for manufacturing a graphic chair, whose at least any one of a seat part and a backrest part or both consist(s) of a substrate having a configuration of both sides of the graphic sandwiched by transparent resin A and transparent resin B, wherein the substrate is obtained by carrying out Step (1) in which a film having the printed graphic is inserted into a mold at the time of injection molding of transparent resin A and then the graphic printed on the film is transcribed to surface of transparent resin A in the mold, simultaneously with injection molding of transparent resin A, and thereafter carrying out Step (2) in which a mold half to which side the film having the printed graphic is inserted is moved backward to form a space between the mold and the graphic on transparent resin A and then transparent resin B is injection molded in the space.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2855/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND MEANS FOR EFFICIENT SKIPPING OF AT LEAST ONE OF THE FOLLOWING EXONS OF THE HUMAN DUCHENNE MUSCULAR DYSTROPHY GENE:43,46,50-53

(51) International classification	:A61K31/7105, A61K48/00, A61P21/00	(71)Name of Applicant : 1)ACADEMISCH ZIEKENHUIS LEIDEN Address of Applicant :ALBINUSDREEF 2, NL-2333 ZA LEIDEN Netherlands
(31) Priority Document No	:PCT/NL2008/050673	2)PROSENSA B.V.
(32) Priority Date	:27/10/2008	3)PROSENSA TECHNOLOGIES B.V.
(33) Name of priority country	:PCT	4)PROSENSA HOLDING BV
(86) International Application No	:PCT/NL09/050113	(72)Name of Inventor :
Filing Date	:11/03/2009	1)DE KIMPE, JOSEPHUS JOHANNES
(87) International Publication No	:WO 2010/050802 A3	2)PLATENBURG, GERARDUS JOHANNES
(61) Patent of Addition to Application Number	:NA	3)VAN DEUTEKOM, JUDITH, CHRISTINA, THEODORA
Filing Date	:NA	4)AARTSMA-RUS, ANNEMIEKE
(62) Divisional to Application Number	:NA	5)VAN OMMEN, GARIT-JAN BOUDEWIJN
Filing Date	:NA	

(57) Abstract :

The invention relates a method wherein a molecule is used for inducing and/or promoting skipping of at least one of exon 43, exon 46, exons 50-53 of the DMD pre- mRNA in a patient, preferably in an isolated cell of a patient, the method comprising providing said cell and/or said patient with a molecule. The invention also relates to said molecule as such.

No. of Pages : 160 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2856/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : EXTRUDED POLYMER FOAMS CONTAINING ESTERS OF A SUGAR AND A BROMINATED FATTY ACID AS A FLAME RETARDANT ADDITIVE

(51) International classification	:C07H13/06, C09K21/08
(31) Priority Document No	:61/109,953
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060749
Filing Date	:15/10/2009
(87) International Publication No	:WO 2010/051163 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
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(72)**Name of Inventor :**
1)HULL, JOHN, W., JR.
2)KRUPER, WILLIAM, J.
3)ROWLANDS, JUSTIN, CRAIG

(57) Abstract :

An ester of a sugar and a brominated fatty acid is a useful FR additive for combustible polymers. The brominated FR additives unexpectedly are stable at the extrusion temperatures, and provide excellent flame retardancy to the combustible polymers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2869/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF QUALITY CONTROL TESTING A FACTOR XIII CONTAINING SAMPLE

(51) International classification :C12Q1/56,
G01N33/86
(31) Priority Document No :08167476.4
(32) Priority Date :24/10/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/063973
Filing Date :23/10/2009
(87) International Publication No :WO 2010/046468
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NOVO NORDISK HEALTH CARE AG
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(72)Name of Inventor :
1)ANDERSEN, METTE DAHL
2)KRISTIANSEN, GUNHILD KLARSKOV
3)SVANE, PENILLE CHARLOTTE
4)HORLYCK, LENE
5)SCHRODER, METTE

(57) Abstract :

The invention relates to a method of quality control testing a Factor XIII (FXIII) containing sample which comprises the step of detecting the presence of and/or measuring the concentration of pre-activated FXIII (FXIIIa0) in said sample and to a quality control kit for determining the quality of a Factor XIII (FXIII) containing sample. Preferably, an anion-exchange chromatographic column is used, as well as the fluorescent substrate Abz-NE (Cad-Dnp) EQVS PLTLLK-OH

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2870/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIAL-DOWN MECHANISM FOR WIND-UP PEN

(51) International classification	:A61M5/315, B25B13/46
(31) Priority Document No	:08167547.2
(32) Priority Date	:24/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/063801
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/046394
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOVO NORDISK A/S
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(72)**Name of Inventor :**
1)MOLLER, CLAUS SCHMIDT
2)MARKUSSEN, TOM HEDE
3)RADMER, BO
4)ENGGAARD, CHRISTIAN PETER

(57) Abstract :

The present invention relates to a dial-down mechanism for an injection device comprising a torsion spring for assisting injection of a dose of medicament from the injection device, the dial-down mechanism comprising a ratchet arm (21) engaging a ring element (10) and a reset element (30) which acts on a knob located on the periphery of the ratchet arm (21) to move the ratchet arm (21) out of engagement with the ring element (10) in order to allow the set dose to be reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2880/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HETEROCYCLIC ANTIVIRAL ARYLPYRIDONE DERIVATIVES

(51) International classification	:C07D213/64, A61K31/4412, C07D401/10	(71)Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :124 GRENZACHERSTRASSE, CH- 4070 BASEL Switzerland
(31) Priority Document No	:61/197,943	(72)Name of Inventor :
(32) Priority Date	:30/10/2008	1)LI, JIM
(33) Name of priority country	:U.S.A.	2)LUI, ALFRED, SUI-TING
(86) International Application No	:PCT/EP2009/063811	3)MCCALEB, KRISTEN, LYNN
Filing Date	:21/10/2009	4)TALAMAS, FRANCISCO, XAVIER
(87) International Publication No	:WO 2010/049331 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds having the formula I wherein R1, R2, R3a, R3b, R3c, R4 R5 and p are as defined herein are Hepatitis C virus NS5b polymerase inhibitors. Also disclosed are compositions and methods for treating an HCV infection and inhibiting HCV replication.

No. of Pages : 88 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2881/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PINCH VALVE MECHANISM FOR A MEDICAL FLUID INJECTION DEVICE

(51) International classification	:A61M5/45, A61M39/28
(31) Priority Document No	:12/261,786
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062396
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/051315 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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6)WEST, BILL
7)WROLOSN, DARRYL, T.

(57) Abstract :

In general, this disclosure relates to techniques for sealing, or pinching, high-pressure fluid tubing (e.g., braided tubing) that may be used to deliver medical fluid from a powered medical fluid injection device, such as an injector that delivers contrast media and/or saline during angiographic or computed tomography (CT) procedures. In some cases, one or more low-friction, solenoid- based pinch valve mechanisms may be used. One example powered medical fluid injection device comprises an injector head and at least one pinch valve mechanism that is coupled to the injector head. The at least one pinch valve mechanism comprises a plunger, a reciprocating arm driven by the plunger, and a tube pinching area. The at least one pinch valve mechanism, when deactivated by the injector head, is configured to cause the reciprocating ann to pinch fluid tubing that runs through the tube pinching area.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2851/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W48/14, H04W48/16, H04W84/10
(31) Priority Document No	:2008-283004
(32) Priority Date	:04/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/005622
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/052843
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SAEGUSA, TAIGA

4)IWANE, YASUSHI

5)KAKEHI, YUJI

6)NAKAZAWA, MASAYUKI

7)SUEMITSU, TAISEI

(57) Abstract :

A closed subscriber group (CSG) cell is a cell that allows use of subscribers. In order to receive the service by the CSG cell, a CSG-ID is required to be notified to a user equipment, which cannot be obtained in a situation outside the reach of radio waves from a non-CSG cell. In a mobile communication system including base stations respectively provided to a CSG cell and a non-CSG cell in which access is made to the CSG cell with the use of a CSG-ID issued in a case where use of the CSG cell is allowed, the base station provided in the CSG cell refers to the notified identification information of a user equipment and then transmits a tracking area update request from the user equipment to a core network, and the core network determines whether the user equipment is allowed to use the CSG cell and, in the case where the use is allowed, transmits a signal for allowing assignment of radio resources to the user equipment and the CSG-ID. The user equipment accesses the CSG cell with the use of the CSG-ID.

No. of Pages : 228 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2875/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTRICAL POWER CONVERSION APPARATUS

(51) International classification	:H02M7/48
(31) Priority Document No	:PCT/JP2008/003132
(32) Priority Date	:31/10/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/JP09/002349
Filing Date	:28/05/2009
(87) International Publication No	:WO 2010/050086
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KONO, MASAKI

2)HATANAKA, KEITA

(57) Abstract :

An electrical conversion apparatus including a converter 2 and an inverter 4 comprises a capacitor 3 that stores a DC electrical power; a ripple detection unit 8 that detects a ripple of an RMS power that is generated from the inverter 4; a voltage measuring instrument 15 that measures a voltage across the capacitor 3; a DC voltage command generation unit 16 that calculates a command value of the voltage across the capacitor 3 according to a frequency of the AC voltage generated from the inverter 4, and a DC voltage control unit 17 that receives the voltage measured by the voltage measuring instrument 15 and the command value calculated by the DC voltage command generation unit 16, to control the converter 2 so that the voltage across the capacitor 3 becomes the command value, wherein the DC voltage command generation unit 16 makes the command value of the voltage across the capacitor 3 higher than usual, in situations where the voltage across the capacitor 3 is within a predetermined range including a frequency of a ripple component of the voltage across the capacitor 3.

No. of Pages : 74 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2876/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CURBLESS MULTIPLE SKYLIGHT SYSTEM AND SMOKE VENT SYSTEM

(51) International classification :E04B7/18
(31) Priority Document No :61/102,333
(32) Priority Date :02/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/059294
Filing Date :01/10/2009
(87) International Publication No :WO 2010/040006 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :6201 27TH ST., SACRAMENTO, CA
95822 U.S.A.
2)PENDLEY, TIMOTHY
3)MCLAIN, MICHAEL, J.
(72)Name of Inventor :
1)BLOMBERG, JEROME, O.
2)PENDLEY, TIMOTHY
3)MCLAIN, MICHAEL, J.

(57) Abstract :

The invention provides a system for installing a roof penetrating structure to a metal roof, the system comprising a) a rail and closure structure adapted to be supported by adjacent rib elevation of said roof; b) a skylight adapted to be supported on the rail and closure structure; and c) a support member for sealing a cut away portion of the rib structure to divert water away from the rail and closure structure.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2877/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IGNITOR FOR AIR/FUEL MIXTURE AND ENGINE THEREWITH AND METHOD OF ASSEMBLY THEREOF INTO A CYLINDER HEAD

(51) International classification	:H01T13/20, F02B19/12	(71)Name of Applicant :
(31) Priority Document No	:61/102,394	1)FEDERAL-MOGUL IGNITION COMPANY
(32) Priority Date	:03/10/2008	Address of Applicant :26555 NORTHWESTERN
(33) Name of priority country	:U.S.A.	HIGHWAY, SOUTHFIELD, MI 48033 U.S.A.
(86) International Application No	:PCT/US09/059520	(72)Name of Inventor :
Filing Date	:05/10/2009	1)LYKOWSKI, JAMES, D.
(87) International Publication No	:WO 2010/040123 A3	2)HAMPTON, KEITH
(61) Patent of Addition to Application	:NA	3)BURROWS, JOHN
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An internal combustion engine and ignitor therefore is provided. The ignitor has an insulator extending between a nose end and a terminal end with an electrode extending outwardly from the nose end to ignite an air/fuel mixture with a cylinder chamber. A terminal extends from the terminal end and is configured in electrical communication with the electrode. A metal shell surrounds at least a portion of the insulator. The metal shell is free of external threads for attachment to a cylinder block. A connecting wire extends from the terminal for electrical communication with a power source. A tube has a lower end that receives the terminal end of the insulator therein. The tube extends about the connecting wire to an upper and opposite the lower end. The lower end of the tube compresses the shell into fixed relation within the opening of the cylinder head.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2852/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS INCLUDING NEURONAL AND BRAIN TUMORS

(51) International classification	:A61K39/00, A61K38/08, A61K38/16	(71)Name of Applicant : 1)IMMATICS BIOTECHNOLOGIES GMBH Address of Applicant :PAUL-EHRLICH-STRASSE 15, 72076 TUBINGEN Germany
(31) Priority Document No	:08017305.7	(72)Name of Inventor :
(32) Priority Date	:01/10/2008	1)SCHOOR, OLIVER
(33) Name of priority country	:EPO	2)HILF, NORBERT
(86) International Application No	:PCT/EP2009/006980	3)WEINSCHENK, TONI
Filing Date	:28/09/2009	4)TRAUTWEIN, CLAUDIA
(87) International Publication No	:WO 2010/037514 A3	5)WALTER, STEFFEN
(61) Patent of Addition to Application Number	:NA	6)SINGH, HARPREET
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to peptides, nucleic acids and cells for use in immunotherapeutic methods. In particular, the present invention relates to the immunotherapy of cancer. The present invention furthermore relates to tumor-associated cytotoxic T cell (CTL) peptide epitopes, alone or in combination with other tumor-associated peptides that serve as active pharmaceutical ingredients of vaccine compositions that stimulate anti-tumor immune responses. The present invention relates to 30 peptide sequences and their variants derived from HLA class I and class II molecules of human tumor cells that can be used in vaccine compositions for eliciting anti-tumor immune responses.

No. of Pages : 133 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2853/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR MIMO-BASED MULTIPLE BASE STATION COLLABORATIVE COMMUNICATION

(51) International classification	:H04B7/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2008/001826
Filing Date	:31/10/2008
(87) International Publication No	:WO 2010/048745 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)ZHU, XIAOLONG
2)LI, DONG
3)SONG, YANG

(57) Abstract :

A solution for multiple base station collaborative communication in TDD (Time Division Duplex) and FDD (Frequency Division Duplex) systems is provided. To be specific, a serving base station and coordinating base station transmit detection signals with specific Multiple Input Multiple Output (MIMO) features on one or more communication resources. The mobile station measures the detection signals on the one or more communication resources and generates indication information of the recommended collaborative communication modes based on the measurement results. Preferably the indexes of the time-frequency resources corresponding to the recommended collaborative communication modes are reported to the serving base station. Then the serving base station schedules at least one of the one or more mobile stations according to the indication information reported by the one or more stations and provides MIMO communication manner for the mobile station scheduled. The coverage of the cells is improved, the cell edge user throughput is increased and the inter-cell interference between neighboring base stations is decreased by exploiting the invention. Preferably the amount of uplink feedback information is decreased and the uplink bandwidth is saved.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2878/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ERGONOMIC WIPER DISPENSING SYSTEM

(51) International classification	:A47K10/38, B65D25/52, B65D83/08
(31) Priority Document No	:12/326,305
(32) Priority Date	:02/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/051558
Filing Date	:14/04/2009
(87) International Publication No	:WO 2010/064151 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)WALSH, FRANCES, LUELLA

4)LILLEY, DAVID, AARON

5)BELTZ, ANDREW, JOSEPH

6)REYNOLDS, BRADLEY, MICHAEL

7)ABUEVA, STEVEN

8)BLANCHET-RUTH, MICHAEL, ANTONIO

9)CHUNG, DANIEL, YOUNG-DOO

10)LECATES, RANDALL, W.

(57) Abstract :

An ergonomic wiper dispensing system includes a containing portion adapted for containing a roll of wiper material, and an ergonomically designed dispensing portion attached to the containing portion. The ergonomically designed dispensing portion includes a visual cue to direct the users attention thereto, and a gripping device to assist the user in grasping and holding. The ergonomically designed dispensing portion further includes a uniquely designed dispensing port for dispensing individual wipers from the roll of wiper material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2879/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARING NEBIVOLOL

(51) International classification :C07D311/58
(31) Priority Document No :MI2008A001924
(32) Priority Date :31/10/2008
(33) Name of priority country :Italy
(86) International Application No :PCT/EP09/064230
Filing Date :28/10/2009
(87) International Publication No :WO 2010/049455
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MICHIELETTO, IVAN
3)VOLPICELLI, RAFFAELLA
4)SORIATO, GIORGIO
5)FOLETTTO, JOHNNY
6)COTARCA, LIVIUS
7)VERZINI, MASSIMO

(57) Abstract :

The present invention relates to a process for preparing Nebivolol and, more particularly, to an improved method of debenzylation of a compound of formula useful for preparing nebivolol endowed with high purity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2884/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HIGH AFFINITY HUMAN ANTIBODIES TO HUMAN IL-4 RECEPTOR

(51) International classification	:C07K16/28, A61P37/08
(31) Priority Document No	:12/260,307
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062168
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/053751
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HUANG, TAMMY, T.

3)FAIRHURST, JEANETTE, L.

4)PAPADOPOULOS, NICHOLAS, J.

(57) Abstract :

An isolated human antibody or antibody fragment thereof which binds to human interleukin-4 receptor alpha (hIL-4R α) with high affinity (KD), capable of blocking hIL-4 and hIL-13 activity.

No. of Pages : 103 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2885/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR FUNCTIONALIZING OR CROSSLINKING LIGANDS ON NANOCRYSTAL SURFACES

(51) International classification	:B82B3/00
(31) Priority Document No	:61/102,666
(32) Priority Date	:03/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059409
Filing Date	:02/10/2009
(87) International Publication No	:WO 2010/040074 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)TULSKY, ERIC
2)HUANG, WENXI
3)GOODWIN, JAMES
4)ZHAO, WEIWEN

(57) Abstract :

This disclosure provides novel ways to modify/functionalize, including crosslink, ligands in the surface coating or molecules in other coatings on a nanoparticle, by using radical addition reactions to add a reactant group onto a ligand molecule of a nanoparticle. Examples include using a functionalized benzophenone that can be attached or crosslinked to a ligand in the surface coating of a nanocrystal by photochemically-initiated radical addition.

No. of Pages : 77 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2886/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENHANCED UPLINK POWER CONTROL BASED ON INTERFERENCE MANAGEMENT AND TRANSMISSION QUALILTY CONTROL

(51) International classification	:H04W52/24
(31) Priority Document No	:200810202020.1
(32) Priority Date	:30/10/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/072807
Filing Date	:17/07/2009
(87) International Publication No	:WO 2010/048820 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LIU, HAO

(57) Abstract :

The present invention provides an enhanced uplink power control mechanism based on interference management and transmission quality control: the uplink power is controlled on the basis of simultaneously considering both the interference of neighboring cells and the system performance of the cell, that is , the transmit power of the mobile station is controlled. The mobile station controls its transmit power according to interference over thermal of the neighboring cells or sectors of the cell or sector which the mobile station is located in, transmission loss compensation and quality of signal received from the mobile station by the base station which serves the mobile station. The uplink power is controlled on the basis of simultaneously considering both the interference of neighboring cells and the system performance of the cell via using the method and device of the present invention, and thus the system performance is improved effectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2891/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : UNI-PLANAR BONE FIXATION ASSEMBLY

(51) International classification :A61B17/70
(31) Priority Document No :61/110,704
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/063056
Filing Date :03/11/2009
(87) International Publication No :WO 2010/062736
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HARVEY, DUSTIN, M.
2)DEC, BRIAN
3)KEYER, TOM

(57) Abstract :

A bone fixation assembly includes a plurality of bone fixation elements that each include a bone anchor configured to be implanted into underlying bone, such as a vertebra. Each bone anchor is received in an anchor seat, and the anchor seats are joined by a fixation rod so as to operatively couple and fix the position and orientation of the vertebrae relative to each other. The bone anchor is free to rotate relative to the anchor seat, and is also free to pivot in a desired direction relative to the anchor seat.

No. of Pages : 69 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2892/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SEAWATER FLUE-GAS DESULFURIZATION APPARATUS AND METHOD OF TREATING DESULFURIZATION SEA WATER

(51) International classification	:B01D53/50, B01D19/00, B01D53/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/058780
Filing Date	:11/05/2009
(87) International Publication No	:WO 2010/131327 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)AKIYAMA, TOMOO
2)OKINO, SUSUMU
3)OCHI, EIJI

(57) Abstract :

A first seawater processing apparatus 10-1 according to the present embodiment includes a flue-gas desulfurization absorber 13, a dilution mixing basin 16, and a gas retaining unit 20A. In the flue-gas desulfurization absorber 13, a sulfur content in a flue gas 11 is brought into contact with absorbent seawater 12A as a portion of seawater 12, and thereby purifying the flue gas 11. The dilution mixing basin 16 is integrally provided on the underside of the flue-gas desulfurization absorber 13. In the dilution mixing basin 16, sulfur-content absorbent seawater 14A produced by seawater desulfurization in which the sulfur content in the flue gas 11 is reduced by the contact with the absorbent seawater 12A in the flue-gas desulfurization absorber 13 is mixed/diluted with dilution seawater 12B fed into a main body 15 thereof. The gas retaining unit 20A includes a cover portion 18 and a first weir 19. The cover portion 18 is provided on the lower-end side of a sidewall 17 of the flue-gas desulfurization absorber 13 to extend along a long side of the dilution mixing basin 16 so as to cover the dilution mixing basin 16. The first weir 19 is hung from the side of a rear surface of the cover portion 18, and an end of the first weir 19 is submerged under the surface of seawater in the dilution mixing basin 16.

No. of Pages : 62 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2887/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS FOR PREPARATION OF NANOCRYSTALS USING A WEAK ELECTRON TRANSFER AGENT AND MISMATCHED SHELL PRECURSORS

(51) International classification	:B82B3/00
(31) Priority Document No	:61/102,613
(32) Priority Date	:03/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/059452
Filing Date	:02/10/2009
(87) International Publication No	:WO 2010/040109
	A2
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)TULSKY, ERIC
2)BARTEL, JOSEPH
3)TREADWAY, JOSEPH

(57) Abstract :

Methods for preparing core/shell nanocrystals are provided, using mismatched shell precursors and an electron transfer agent to control the nucleation and growth phases of particle formation

No. of Pages : 48 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2888/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MATING MECHANISM FOR A PRESSURIZING UNIT AND CORRESPONDING SLEEVE IN A MEDICAL FLUID INJECTION DEVICE

(51) International classification :A61M5/00, A61M5/145
(31) Priority Document No :12/261,415
(32) Priority Date :30/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/062390
Filing Date :28/10/2009
(87) International Publication No :WO 2010/056530 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WEST, BILL
4)WROLOSN, DARRYL, T.
5)PILOSI, PAUL

(57) Abstract :

In general, this disclosure relates to techniques for providing a mating mechanism between at least one pressurizing unit and at least one corresponding sleeve in a powered medical fluid injection device. An example powered medical fluid injection device includes a sleeve and an injector head coupled to the sleeve. The sleeve has a notch with a predefined shape and size. The sleeve is configured to receive a pressurizing unit (such as a syringe) having an external tab with a predefined shape and size that are substantially identical to the predefined shape and size of the notch in the sleeve, such that the tab mates with the notch when the sleeve receives the pressurizing unit. The injector head is configured to inject a quantity of a medical fluid from the pressurizing unit during operation.

No. of Pages : 48 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2889/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : GLUING UNIT FOR APPLYING ADHESIVE TO A SUCCESSION OF OPENING DEVICES FOR GLUING TO SEALED OF FOOD PRODUCTS POURABLE INTO A TUBE OF PACKAGING MATERIAL

(51) International classification	:B65B7/28, B65B61/18, B65D5/74
(31) Priority Document No	:08167991.2
(32) Priority Date	:30/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/063892
Filing Date	:22/10/2009
(87) International Publication No	:WO 2010/049341
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)JOHANSSON, LENNART

4)TABARTE, MAHMOD

(57) Abstract :

A gluing unit (1) for applying adhesive to a succession of opening devices (3) to be fitted to respective sealed packages of food products pourable into a tube of packaging material, the unit having conveying means for feeding the opening devices (3) along a path (A); and adhesive dispensing means (21, 22) which are located along the path (A), interact with each opening device (3) to apply adhesive to a portion (12, 13) of the opening device (3), and are movable in a plane (P) parallel to the path (A); the dispensing means (21, 22) also being movable cross wire to the plane (P).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2895/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STRUCTURE FOR VEHICLE BODY FRONT PORTION

(51) International classification	:B62D25/20, B60R19/24, B60R19/34
(31) Priority Document No	:2008-257678
(32) Priority Date	:02/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/065935
Filing Date	:11/09/2009
(87) International Publication No	:WO 2010/038598 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ABE, RYOTA
2)OKABE, KOJIRO
3)YOSHIKAWA, SHINICHI

(57) Abstract :

A vehicle body front structure is disclosed, wherein a large engine can be installed even if the entire vehicle body length is kept compact, and an impact load can be efficiently absorbed. In a vehicle body front structure (10), internal and external extension members (41, 42) protruding forward are provided to the front ends of left and right front side frames (11, 12) and the front ends of left and right upper members (13, 14) via a mounting plate (35). In the mounting plate, internal mounting parts (51) and front walls (68) of the internal extension members are inclined farther toward the front of the vehicle body nearer the center of the vehicle width direction.

No. of Pages : 51 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2896/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR SELECTIVE DATA COMMUNICATIONS FOR MULTI-MODE DEVICES

(51) International classification	:H04W48/18, H04W36/14
(31) Priority Document No	:12/260,341
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/033283
Filing Date	:05/02/2009
(87) International Publication No	:WO 2010/051046 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)STEVEN D. CHENG

2)TOM CHIN

(57) Abstract :

A method and apparatus for selectively utilizing short-range radio access technologies (RATs) when available to connect a multi-mode wireless device to a network are provided.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2897/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENHANCED FORWARD LINK TRANSMISSION

(51) International classification :H04W72/12
(31) Priority Document No :61/109,122
(32) Priority Date :28/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/062348
Filing Date :28/10/2009
(87) International Publication No :WO 2010/062641 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YU-CHEUN JOU
2)RASHID AHMED AKBAR ATTAR
3)JUN MA

(57) Abstract :

A method for processing forward link channel signals generated by a CDMA base station includes time sharing by several mobile stations of spreading codes, which are orthogonal codes such as Walsh Code, and code-combining soft/softer handoff across sectors in the mobile station active set to increase dimensions on the CDMA2000 and WCDMA downlink while minimizing intra-sector interference. Since different parts of a packet or frame are transmitted to the user by the different base stations in the active set, earlier decoding and therefore early packet termination is enabled.

No. of Pages : 54 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2890/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SEPARATING LAYER FOR SEPARATING THE ANODE CATHODE IN LITHIUM-ION ACCUMULATORS OR BATTERIES

(51) International classification	:H01M2/14, H01M10/0525, H01M10/0565	(71)Name of Applicant : 1)CERAMTEC GMBH Address of Applicant :CERAMTEC-PLATZ 1-9, 73207 PLOCHINGEN Germany
(31) Priority Document No	:10 2008 043 272.5	(72)Name of Inventor :
(32) Priority Date	:29/10/2008	1)KELNBERGER, ALFONS
(33) Name of priority country	:Germany	2)SCHREINER, HANS-JURGEN
(86) International Application No	:PCT/EP09/064266	
Filing Date	:29/10/2009	
(87) International Publication No	:WO 2010/049478	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To prevent electronic short-circuiting between the anode and cathode in Li ion accumulators or batteries, an electronic separation of anode must be present with minimal electronic separation of anode must be present with minimal electronic conductivity. To this end, in general a separating layer (separator) in the form of porous films, non-woven fabrics or nets made of polypropylene or similar polymers and containing Li ion-conducting salts and ceramic particles is used. Disadvantages of the known separating layers are the low thermal resistance and thereby the low operational safety, in particular for large volume embodiments with a high energy content, expensive manufacturing processes and complex interactions of the chemical substances used in the separating layers. According to the invention, therefore, a separating layer is proposed in which the Li ion- conducting salts and the ceramic particles are embedded in an organic matrix of polymers or polymeric substances when the separating layer is manufactured.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2898/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DATA RECEPTION WITH INTERFERENCE CANCELLATION IN A RELAY COMMUNICATION NETWORK

(51) International classification	:H04L25/06, H04L25/06, H04L5/16
(31) Priority Document No	:12/257,258
(32) Priority Date	:23/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/088331
Filing Date	:24/12/2008
(87) International Publication No	:WO 2010/047727 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)Name of Inventor :

1)RAVI PALANKI

2)AVNEESH AGRAWAL

(57) Abstract :

Techniques for transmitting and receiving data in a relay communication network are described. Stations in the relay network may be grouped into multiple depths. Packets may be transmitted in a pipelined manner, with stations at progressively higher depth sending transmissions of a packet in successive frames. In an aspect, a station may receive data with interference cancellation. The station may obtain a received signal containing transmissions of a first packet from stations at a first depth and transmissions of a second packet from stations at a second depth. The first and second stations may be downstream and upstream stations, respectively, or may be upstream stations at different depths. The station may estimate and cancel interference due to the transmissions of the first packet from the received signal to obtain an interference canceled signal. The station may then process the interference canceled signal for the second packet.

No. of Pages : 44 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2899/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROVISIONED PROVIDER LINK STATE BRIDGING (PLSB) WITH ROUTED BACK-UP

(51) International classification	:H04L29/14, H04L12/56
(31) Priority Document No	:12/259,560
(32) Priority Date	:28/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA09/001505
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/048697
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NORTEL NETWORKS LIMITED

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(72)Name of Inventor :

1)DAVID ALLAN

2)NIGEL BRAGG

3)HADI NASRALLAH

4)PREBEN HUNNERUP

(57) Abstract :

A method of managing traffic flow in a packet network, the method comprising: providing a working sub-network comprising one or more provisioned static working paths between at least one source node and one or more destination nodes in the network, and associating a service instance with the working sub-network; providing a dynamic backup sub-network comprising one or more dynamically maintained protection paths between the at least one source node and the one or more destination nodes, and associating the service instance with the dynamic backup sub-network; during a normal operation of the network, forwarding subscriber traffic associated with the service instance through the network using the working sub-network; and following detection of a network failure affecting the service instance, switching the subscriber traffic associated with the service instance for forwarding through the network using the dynamic backup sub-network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2903/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR OPERATING AN ENDING WIDGET WITH DATA RETRIEVED FROM A STARTING WIDGET

(51) International classification	:G06F9/44, G06F3/048
(31) Priority Document No	:08167996.1
(32) Priority Date	:30/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/064403
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/049533
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GUILLAUME DORBES

2)CLAIRE BAZIN

(57) Abstract :

The invention relates to a method for operating an ending widget (14) with data retrieved from a starting widget (12), both the starting widget (12) and the ending widget (14) being portable software programs installed and executed through a Markup Language Web based page in order to display, respectively, at least one visual object (26, 28, 30) and at least one visual area (32, 34, 36), characterized in that it comprises the following steps: - The step for the starting widget (12) to detect a drag of the visual object (28) and to inform a distant server (38) from such detected drag, - The step for the ending widget (14) to detect a drop in the visual area (34) and to inform the distant server (38) from such detected drop, and The step for the distant server (38) to correlate the drag in the starting widget (12) with the drop in the ending widget (14) so as to trigger an action whereby data associated to the visual object (28) performs a function associated with the visual area (34).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2893/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AUTOMATICALLY SUPPLYING A PRESSURIZING UNIT OF A MEDICAL INJECTION DEVICE WITH FLUID

(51) International classification	:A61M5/00, A61M5/145
(31) Priority Document No	:12/261,713
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062384
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/056528 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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PRAIRIE, MINNESOTA 55344 U.S.A.

(72)Name of Inventor :

1)HAJICEK, DAVID

2)OFTEDAHL, RICHARD

(57) Abstract :

In general, this disclosure relates to techniques for automatically supplying a pressurizing unit (e.g., syringe) that is used with a powered medical fluid injection device with fluid. An example medical fluid injection device includes a first pressurizing unit and an injector head that is configured to obtain operational state information of the device (501) and use the operational state information to determine whether a fluid replenishment operation is permitted for the first pressurizing unit (502), the operational state information including information other than a fluid delivery amount for a subsequent injection procedure. If the fluid replenishment operation is permitted, the medical fluid injection device supplies the first pressurizing unit with an amount of medical fluid (506).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2894/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : LOW ENERGY SURFACE BONDING SYSTEM CONTAINING A PRIMER WITH LONG OPEN TIME

(51) International classification	:C09D5/00, C08G18/12, C08G18/28
(31) Priority Document No	:61/109,415
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062498
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/096110 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :2040 DOW CENTER, MIDLAND,
MICHIGAN 48674 U.S.A.

(72)Name of Inventor :

1)SCHMATLOCH, STEFAN

(57) Abstract :

The invention is a composition comprising a) one or more prepolymers having on average three or more aliphatic isocyanate groups and further containing alkoxysilane groups; b) one or more aromatic polyisocyanates; c) one or more compounds having at least one heterocyclic ring which hydrolyzes when exposed to moisture to form at least one isocyanate reactive group; d) one or more solvents; and e) one or more amine and/or organometallic polyurethane catalysts; wherein the ratio of aromatic isocyanate groups to aliphatic isocyanate groups in the composition is from about 0.5:1.0 to about 1.5:1.0, preferably about 0.9:1.0 to about 1.5:1.0, and the equivalent ratio of isocyanate groups to isocyanate reactive groups derivable from the one or more compounds having at least one hydrolyzable heterocyclic ring is from about 0.8:1.0 to about 5.3:1.0, and most preferably about 1.5:1.0 to about 1.7:1.0.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2900/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOBILE TAG TRACKING SYSTEM

(51) International classification	:H04W4/02, H04L12/56, H04L9/00
(31) Priority Document No	:12/259,586
(32) Priority Date	:28/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001510
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/048699 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DAVID STEER

(57) Abstract :

A mobile tag tracking system for providing mobile security monitoring is provided. The system includes a communications facility, a communications network coupled to the communications facility, and a mobile tag. The mobile tag is coupled to an item to be monitored. The mobile tag has a processor having a memory and for controlling operation of the mobile tag, a radio communications component coupled to the processor for communicating with the communications facility over the communications network for reporting status messages related to the item, a power supply coupled to the processor for providing power to the mobile tag, security sequence generator coupled to the processor for generating binary sequences, a location tracking component coupled to the processor for determining the location of the mobile tag and providing a location signal to the processor, and a clock coupled to the processor. The mobile tag communicates with the communications facility using randomly scheduled communications each including a status message.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2901/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STACKED WHITE OLED HAVING SEPARATE RED, GREEN AND BLUE SUB-ELEMENTS

(51) International classification :H01L51/50

(31) Priority Document No :61/109,074

(32) Priority Date :28/10/2008

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

(86) International Application No :PCT/US2009/062354

Filing Date :28/10/2009

(87) International Publication No :WO 2010/062643 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)STEPHEN FORREST

2)XIANGFEI QI

3)MICHAEL SLOOTSKY

(57) Abstract :

An organic light emitting device comprising in order: a cathode; a blue-emitting sub-element comprising an emissive layer comprising a phosphorescent blue emissive material; a charge-generating layer; a green-emitting sub-element comprising an emissive layer comprising a phosphorescent green emissive material; a charge-generating layer; a red-emitting sub-element comprising an emissive layer comprising a phosphorescent red emissive material; and an anode; wherein a combined emission of the emissive materials gives a white emission from the device.

No. of Pages : 67 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2907/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR TESTING FUNCTIONAL SOUNDNESS OF AT LEAST ONE INJECTION VALVE

(51) International classification :F02D41/22
(31) Priority Document No :10 2008 042 605.9
(32) Priority Date :06/10/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/062732
Filing Date :01/10/2009
(87) International Publication No :WO 2010/040676
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART Germany
(72)Name of Inventor :
1)ZEIDLER, JOHANNES
2)PEISCHL, STEFFEN

(57) Abstract :

The present subject matter relates to a method and a device (2) for testing a functional soundness of at least one injection valve (10) of an internal combustion engine (8). The device (2) carries out a test of at least the functional soundness of a lambda probe (12) adapted to determine a state of the at least one injection valve (10). For this, a steady- state operating condition of the internal combustion engine (8) is established and a test is performed to see whether at least one signal of the lambda probe (12) is stable for the established steady-state operating condition. Furthermore, depending on whether the signal of the lambda probe (12) is stable or not, a lambda value for the at least one injection valve (10) is measured by means of the lambda probe (12) at the established steady-state operating condition.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2908/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROL DEVICE FOR SENSOR SYSTEM, SENSOR SYSTEM, AND METHOD FOR TRANSMITTING SIGNALS IN SENSOR SYSTEM

(51) International classification :B60R21/013
(31) Priority Document No :10 2008 042 641.5
(32) Priority Date :07/10/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/060468
Filing Date :13/08/2009
(87) International Publication No :WO 2010/040587
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
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(72)Name of Inventor :
1)OECHTERING, PETER
2)WALKER, STEFFEN

(57) Abstract :

The present subject matter relates to a control device (2) for a sensor system (1), where the control device (2) includes at least one connection device (9) for connecting a data connection (4) to at least two lines (4a, 4b) as a current interface to at least one sensor (3), where through the data connection (4) the connection device (9) receives signals (14) generated by the at least one sensor (3) through current modulation of an interface current (I); and a current limiting circuit (10), which limits a short circuit current (I₂, I₃) on at least one of the lines (4a, 4b) of the data connection (4) during a short circuit, where the current- limiting circuit (10) limits the short circuit current (I₂, I₃) in a temporally varying manner. According to the present subject matter the current limiting circuit (10) limits the interface current (I) during the short circuit in a first time interval (t₁ t₀) to an upper short circuit- current value (I₂) and after the first time interval (t₁ t₀) to a lower short circuit-current value (I₃). The sensor system (1) and the method for transmitting signals (14) in the sensor system (1) are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2920/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : LIGHT EXTRACTION FILM WITH HIGH INDEX BACKFILL LAYER AND PASSIVATION LAYER

(51) International classification :G02B5/00,
H05B33/10
(31) Priority Document No :12/262,393
(32) Priority Date :31/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/061819
Filing Date :23/10/2009
(87) International Publication No :WO 2010/051229 A2
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)3M INNOVATIVE PROPERTIES COMPANY

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(72)Name of Inventor :

1)LAMANSKY, SERGEY, A.

2)HAO, ENCAI

3)LE, HA, T., T.

4)STEGALL, DAVID, B.

5)WANG, DING

6)LU, YI

7)SMITH, TERRY, L.

8)ZHANG, JUN-YING

9)WU, JUNG-SHENG

10)THORSON, JAMES, E.

(57) Abstract :

A multifunctional optical film for enhancing light extraction includes a flexible substrate, a structured layer, a high index backfill layer, and an optional passivation layer. The structured layer effectively uses microreplicated diffractive or scattering nanostructures located near enough to the light generation region to enable extraction of an evanescent wave from an organic light emitting diode (OLED) device. The backfill layer has a material having an index of refraction different from the index of refraction of the structured layer. The backfill layer also provides a planarizing layer over the structured layer in order to conform the light extraction film to a layer of an OLED display device. The film may have additional layers added to or incorporated within it to an emissive surface in order to effect additional functionalities beyond improvement of light extraction efficiency.

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2927/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHEWING GUM CONTAINING LOW DOSE AMOUNTS OF WATER SOLUBLE VITAMINS

(51) International classification	:A61K31/195, A23G4/12, A23L1/302
(31) Priority Document No	:61/102,895
(32) Priority Date	:06/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059487
Filing Date	:05/10/2009
(87) International Publication No	:WO 2010/042419 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)BIESCZAT, DARCI C.
3)GREENBERG, MICHAEL, J.

(57) Abstract :

Chewable compositions containing at least 20% of recommended daily allowance of water-soluble vitamins are used to maintain a beneficial amount of such vitamins in a consumers bloodstream throughout a day. Use of such chewable compositions may be supplemented by additional single dose intake of such water-soluble vitamins.

No. of Pages : 25 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2904/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:G06F9/54
(31) Priority Document No	:2008-284645
(32) Priority Date	:05/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/067090
Filing Date	:30/09/2009
(87) International Publication No	:WO 2010/052979
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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TOKYO Japan
(72)**Name of Inventor :**
1)YOSHIHARU DEWA

(57) Abstract :

[Object] To provide an information processing apparatus, an information processing method, and a program capable of appropriately executing an application program in one program execution environment even in the case where a built-in library includes a plurality of libraries having the same library names. [Solving Means] A JVM pre-execution processing unit 6 obtains an application program name from an application information table AIT and stores the application program name in a RAM 404 with a DTV flag. The JVM pre-execution processing unit 6 obtains an application identifier from an AMT and stores the application identifier in the RAM 404 with a BD flag. A JVM execution processing unit 12 sets a path for a BD when an attribute of a program selected by a user is the BD and sets a path for a DTV when the attribute is the DTV. The JVM execution processing unit 12 switches the path of the library file called in execution of a program in accordance with the attribute that indicates a distributor of the program selected by the user.

No. of Pages : 49 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2905/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROVIDING A DOWNLINK CONTROL STRUCTURE IN A FIRST CARRIER TO INDICATE CONTROL INFORMATION IN A SECOND,DIFFERENT CARRIER

(51) International classification	:H04W48/08, H04W64/00, H04W72/04	(71)Name of Applicant : 1)NORTEL NETWORKS LIMITED Address of Applicant :2351 BOULEVARD ALFRED- NOBEL, ST. LAURENT, QUEBEC, CANADA H4S 2A9 Canada
(31) Priority Document No	:61/111,034	(72)Name of Inventor :
(32) Priority Date	:04/11/2008	1)LAI-KING TEE
(33) Name of priority country	:U.S.A.	2)YI SONG
(86) International Application No	:PCT/US2009/063266	3)JUN LI
Filing Date	:04/11/2009	4)YUQIANG TANG
(87) International Publication No	:WO 2010/053984 A2	5)NENG WANG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile station receives a downlink control structure in a first carrier, where the downlink control structure indicates that control information for the mobile station is on a second, different carrier. The mobile station decodes the control information in the second carrier, where the control information specifies resource allocation of a wireless link for the mobile station. More specifically, according to some implementations, the control channel in the first carrier specifies the resource allocation for an extended control channel in the second carrier, where the extended control channel specifies the resource allocation for traffic data of a wireless link for the mobile station.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2906/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : FACET JOINT PROSTHESIS

(51) International classification	:A61F2/44
(31) Priority Document No	:61/106,067
(32) Priority Date	:16/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001428
Filing Date	:14/10/2009
(87) International Publication No	:WO 2010/043028 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DUPLESSIS, STEPHAN J.
2)HURLBERT, R. JOHN
3)SEKHON, LALI

(57) Abstract :

A facet joint prosthesis comprises a pair of facet elements for engaging the superior and inferior articular processes of a facet joint. The facet elements are provided with one or more articulating surfaces for articulating movement there-between. The facet elements are also provided with a positive engagement means for preventing separation of the elements and/or to limit relative movement there-between within a pre-determined range. In one aspect, the invention provides a spacer for positioning between the facet elements and for distracting the facet joint. The spacer may also serve to form an artificial lateral mass between the superior and inferior articulating surfaces. The spacer may be provided with engagement means for positively engaging one or both of the facet elements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2919/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : GENTLE TO SKIN ADHESIVE

(51) International classification	:C09J183/04, B32B27/28, C08J3/28	(71) Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(31) Priority Document No	:61/109,211	(72) Name of Inventor :
(32) Priority Date	:29/10/2008	1)DETERMAN, MICHAEL D
(33) Name of priority country	:U.S.A.	2)FUNG, SIMON, S.
(86) International Application No	:PCT/US2009/062603	3)FILIATRAULT, TIMOTHY, D.
Filing Date	:29/10/2009	4)LIU, JUNKANG, J.
(87) International Publication No	:WO 2010/056544 A1	5)GEORGE, CLAYTON, A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Electron beam and gamma radiation crosslinked, silicone gel adhesives are described. Both nonfunctional and functional poly diorganosiloxanes are used. Methods of forming the adhesives , and medical articles incorporating such adhesives are also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2924/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MANUFACTURING PROCESS

(51) International classification	:B32B3/28, B32B29/08	(71) Name of Applicant :
(31) Priority Document No	:571716	1)CORCEL IP LIMITED
(32) Priority Date	:01/10/2008	Address of Applicant :C/O LEVEL 12, KPMG CENTRE, 85
(33) Name of priority country	:New Zealand	ALEXANDRA STREET, 3204 HAMILTON New Zealand
(86) International Application No	:PCT/NZ2009/000206	(72) Name of Inventor :
Filing Date	:29/09/2009	1)VAN BERLO, PATRICK PETRUS ANTONIUS MARIA
(87) International Publication No	:WO 2010/039047 A1	
(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 forming a board from a number of substantially planar layers, including the steps of a) ensuring a layer is positioned substantially in a horizontal plane; and b) applying adhesive to the layer; and c) moving the layer to a holding station; and d) holding the layer horizontally against another layer within the holding station; and e) repeating steps a) to d) until a stack of layers is formed having a height substantially equivalent to the desired width of the board to be formed; the method characterised by the step of f) removing the stack from the holding device once the layers have had sufficient time to bond to each other.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2902/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROVIDER LINK STATE BRIDGING (PLSB) COMPUTATION METHOD

(51) International classification :H04L12/24
(31) Priority Document No :12/259,650
(32) Priority Date :28/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2009/001506
Filing Date :26/10/2009
(87) International Publication No :WO 2010/048698 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAVID ALLAN
3)NIGEL BRAGG

(57) Abstract :

A method of multicast route computation in a Link state protocol controlled network, (he method comprising steps of: computing a spanning tree from a first node to even other node in the network using a known shortest path tree algorithm: dividing the network into partitions, each partition encompassing an immediate neighbour node of the first node on the computed spanning tree and any nodes of (he network subtending the neighbour node on the computed spanning tree; merging two or more of the partitions when a predetermined criterion is satisfied; examining nodes within all of the partitions except a largest one of the partitions to identify node pairs for which a respective shortest path traverses the first node.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2921/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : FIRE-RESISTANT GLASSES HAVING UV-CURABLE INTERMEDIATE LAYER

(51) International classification	:B32B17/10, C08K5/00, C09K21/08	(71) Name of Applicant : 1)SCHOTT AG Address of Applicant :HATTENBERGSTRASSE 10, 55122 MAINZ Germany
(31) Priority Document No	:10 2008 054 149.4	(72) Name of Inventor :
(32) Priority Date	:31/10/2008	1)KLOSSEK, JENS
(33) Name of priority country	:Germany	2)FREITAG, RUDIGER
(86) International Application No	:PCT/EP2009/007680	3)SCHWABE, KLAUS-DIETER
Filing Date	:27/10/2009	4)MEINHARDT, STEFAN
(87) International Publication No	:WO 2010/049126 A1	
(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 transparent fire-resistant glass elements made from at least two panes, wherein a layer made from a UV-curable material is arranged between each of said panes, to a method for the production thereof and to the use thereof as multiple glass elements in mobile units such as doors and windows or fixed as elements of wall or facades.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2923/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUBSTRATE FOR MANUFACTURING DISPOSABLE MICROFLUIDIC DEVICES

(51) International classification	:G01N33/48, G01N35/08
(31) Priority Document No	:61/109,871
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062426
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/059351 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)CHIU, DANIEL, T.

2)KUO, JASON, S.

(57) Abstract :

Embodiments of the present invention relate to a UV-curable polyurethane-methacrylate (PUMA) substrate for manufacturing microfluidic devices. PUMA is optically transparent, biocompatible, and has stable surface properties. Embodiments include two production processes that are compatible with the existing methods of rapid prototyping, and characterizations of the resultant PUMA microfluidic devices are presented. Embodiments of the present invention also relate to strategies to improve the production yield of chips manufactured from PUMA resin, especially for microfluidic systems that contain dense and high-aspect-ratio features. Described is a mold-releasing procedure that minimizes motion in the shear plane of the microstructures. Also presented are simple yet scalable methods for forming seals between PUMA substrates, which avoids excessive compressive force that may crush delicate structures. Two methods for forming interconnects with PUMA microfluidic devices are detailed. These improvements produce a microfiltration device containing closely spaced and high-aspect-ratio fins, suitable for retaining and concentrating cells or beads from a highly diluted suspension.

No. of Pages : 83 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2930/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PHOSPHATED POLYCONDENSATES AND USE THEREOF

(51) International classification	:C08G65/327, C08G85/00
(31) Priority Document No	:08165916.1
(32) Priority Date	:06/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/061545
Filing Date	:07/09/2009
(87) International Publication No	:WO 2010/040611 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)SCHUHBECK, THOMAS

5)GRASSL, HARALD

6)GROESS, KARIN

(57) Abstract :

Process for the preparation of phosphated polycondensates and use thereof The invention relates to a process for the preparation of a phosphated poiyc condensate, at least one sulphonic acid being used as catalyst, and to the use of the phosphated poiyc condensate obtained as an admixture for aqueous suspensions of hydraulic and/or latently hydraulic binders.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2936/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING VIDEO-AUDIO DATA PLAYING

(51) International classification	:H04N5/91, H04L12/56, H04N5/926
(31) Priority Document No	:200910077340.3
(32) Priority Date	:18/02/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070614
Filing Date	:10/02/2010
(87) International Publication No	:WO 2010/094234 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)WANG, XINLIANG

(57) Abstract :

The embodiments of the present invention disclose a method for controlling video-audio data playing, which relates to the network communication field. The method includes: obtaining total duration of playing video-audio data in a buffer; calculating a time difference, the time difference being a difference between a current time point and a time point of receiving a latest video-audio data packet; and performing time domain stretch processing for video-audio data in the buffer when the total duration and the time difference satisfy a preset condition, and playing the processed video-audio data. The embodiments of the present invention also disclose an apparatus for controlling video-audio data playing. By using the method and apparatus, the incontinuity phenomena will be decreased when the video-audio data is played, so as to improve user experiences.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDROGEN-GENERATING FUEL CELL CARTRIDGES

(51) International classification :H01M8/00
(31) Priority Document No :61/110,780
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063108
Filing Date :03/11/2009
(87) International Publication No :WO 2010/051557 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CURELLO, ANDREW, J.

3)SPAHR, PAUL

4)CURELLO, MICHAEL, R.

(57) Abstract :

The present application is directed to a gas-generating apparatus (10). Hydrogen is generated within the gas-generating apparatus and is transported to a fuel cell. The generation of hydrogen is regulated automatically by the selective exposure of a catalyst (48) to the fuel mixture depending on the pressure inside the reaction chamber (28) of the gas-generating apparatus. Catalyst sealing mechanisms (40,42) are provided at least partially within the reaction chamber to regulate the hydrogen pressure and to minimize the fluctuations in pressure of the hydrogen received by the fuel cell.

No. of Pages : 59 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2929/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A TREATMENT DEVICE

(51) International classification :A01K13/00

(31) Priority Document No :0802097-6

(32) Priority Date :06/10/2008

(33) Name of priority country :Sweden

(86) International Application No :PCT/EP2009/062176
Filing Date :21/09/2009

(87) International Publication No :WO 2010/040631
A1

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)VAN DER POEL, HANS

(57) Abstract :

A treatment device for an animal is provided. The device comprises a treatment member (1), having a first end and a second end, a longitudinal rotary axis (X) extending through the treatment member and the first and second ends. Driving means is connected to the treatment member and brings about a rotational movement of the treatment member around the longitudinal rotary axis. A carrying member (2) carries the treatment member and the driving means, and an anchorage member (4) anchors the carrying member to a stationary element. The carrying member comprises a first pivotal connection (3), permitting the treatment member to swing about a first axis (Y) and is further connected to the anchorage member via a second pivotal connection (5), permitting the treatment member to swing about a second axis (Z). the second pivotal connection is provided laterally closer to the anchorage member than to the first pivotal connection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2933/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : RETROREFLECTIVE COATING AND METHOD FOR APPLYING A RETROREFLECTIVE COATING ON A STRUCTURE

(51) International classification	:C09D5/33, C09D7/12	(71)Name of Applicant :
(31) Priority Document No	:12/262,641	1)POTTERS INDUSTRIES, LLC
(32) Priority Date	:31/10/2008	Address of Applicant :2711 CENTERVILLE ROAD, SUITE
(33) Name of priority country	:U.S.A.	400, WILMINGTON, DELAWARE 19808 U.S.A.
(86) International Application No	:PCT/US2009/062729	(72)Name of Inventor :
Filing Date	:30/10/2009	1)BELL, THOMAS REUBEN
(87) International Publication No	:WO 2010/051432 A3	2)HALL, KEVIN
(61) Patent of Addition to Application	:NA	3)STILL, THOMAS
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A quantity of retro reflective granules includes glass members each having a refractive index of at least about 1.5. The quantity of retro reflective granules can be partially embedded into a binder material applied on the surface of a structure to provide a visual aid. A structure includes a retro reflective surface also a binder material applied to at least a portion of inclined face of the structure. The binder material has thickness dimension of at least about 10 mil. The retro reflective granules partially embedded in the binder material. The plurality of retro reflective granules have a density of at least about 0.06 pounds/square foot as embedded in the binder material. Each retro reflective granule includes a glass member refractive index of at least about 1.5.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2934/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT OF β AMYLOID DISEASES AND SYNUCLEINOPATHIES

(51) International classification :A01N47/28
(31) Priority Document No :12/244,968
(32) Priority Date :03/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/048855
□ Filing Date :26/06/2009
(87) International Publication No :WO 2010/039308 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LAKE, THOMAS
4)CUMMINGS, JOEL
5)WEIGELE, MANFRED
6)SNOW, ALAN, D.
7)LARSEN, LESLEY

(57) Abstract :

Dihydroxyaryl compounds and pharmaceutically acceptable esters, their synthesis, pharmaceutical compositions containing them, and their use in the treatment of β -amyloid diseases, such as observed in Alzheimers disease, and synucleinopathies, such as observed in Parkinsons disease, and the manufacture of medicaments for such treatment.

No. of Pages : 113 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2935/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCEDURE FOR PREPARING A PROCESSED VIRTUAL ANALYSIS IMAGE

(51) International classification	:G02B21/36, G01N1/30, G02B21/00
(31) Priority Document No	:0857438
(32) Priority Date	:31/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052086
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/049651 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)PELTIER, ERIC

(57) Abstract :

This method comprises the following steps: - carrying out a processing of the specimen, said processing being carried out so as to make it possible to differentiate the pathological cells from the healthy cells of the specimen, - performing an acquisition of images of the specimen disposed on the analysis plate so as to obtain a plurality of images each representing a zone of the analysis plate, said images placed side by side forming an image of the whole of the specimen so as to create a virtual analysis plate. The method furthermore comprises the following step: - performing on the virtual analysis plate a processing of the images acquired so as to obtain a virtual restitution of the colors and of the intensity of the colors of the cytoplasm and/or of the nucleus, said colors and said intensity being able to be modified according to the preferences of the person in charge of the analysis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2925/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTRON BEAM CURED SILICONE RELEASE MATERIALS

(51) International classification	:C08L83/04, B32B27/28, C08J3/28
(31) Priority Document No	:61/109,211
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062608
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/056546 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)LIU, JUNKANG, J.

5)GEORGE, CLAYTON, A.

(57) Abstract :

Methods of electron beam curing nonfunctional polysiloxanes and silanol terminated polysiloxanes are described. The resulting release materials are also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2926/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A TRANSMITTING METHOD AND A RECEIVING MEHTOD OF A MODULATED DATA STREAM

(51) International classification	:H04L27/34
(31) Priority Document No	:09150481.1
(32) Priority Date	:13/01/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/050110
Filing Date	:07/01/2010
(87) International Publication No	:WO 2010/081760
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)SAYADI, BESSEM

(57) Abstract :

The present invention relates to a transmitting and a receiving methods of a modulated data stream (MOD). It is characterized in that at the transmitting side, it comprises the steps of Generating a mixed data stream (MD) on the basis of mixing a first data stream (HP) with a second data stream (LP); Encoding said first data stream (HP) and said mixed data stream (MD); Generating a modulated data stream (MOD) on the basis of mapping said mixed data stream (MD). At the receiving side, it comprises the steps of Generating a demapped data stream on the basis of demapping said modulated data stream (MOD); Generating a first and a second deinterleaved data streams on the basis of deinterleaving said demapped data stream; Decoding said first deinterleaved data stream; - Generating an a priori information on the basis of mixing a part of the first decoded deinterleaved data stream with a mixing vector; and Decoding said second deinterleaved data stream using said a prior information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTRON BEAM CURED SILICONE MATERIALS

(51) International classification	:C09J183/04, C08J3/28
(31) Priority Document No	:61/109,213
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062563
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/056541
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)GEORGE, CLAYTON, A.

(57) Abstract :

Methods of preparing silicone materials using electron beam curing are described. The materials are hot melt processed and cured in the absence of an effective amount of catalysts and initiators. Both functional and nonfunctionalized silicone materials may be used. Exemplary cured materials include silicone pressure sensitive adhesives, silicone foams, and non-tacky silicone films.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2932/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ADJUSTABLE ROD ASSEMBLY

(51) International classification	:A61B17/70
(31) Priority Document No	:61/110,711
(32) Priority Date	:03/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062985
Filing Date	:02/11/2009
(87) International Publication No	:WO 2010/062718 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KHATCHADOURIAN, ROBERTO

2)MC SHANE, EDWARD

3)RATHBUN, DAVID

(57) Abstract :

An adjustable rod for spinal corrective surgery is provided that includes a first elongate member and a second elongate member, each having rod portions couplable to one or more bone connecting elements and expansion portions slidably moveable with respect to one another. A plurality of holes in each expansion portion are alignable with one another to choose the length of the adjustable rod and a locking element is inserted through a pair of aligned holes to couple the first and second elongate members and secure or fix the length of the expandable rod.

No. of Pages : 48 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2939/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS TO PROLONG MOBILE STATION OPERATION DURING LOW BATTERY POWER

(51) International classification	:H04B1/16, H04W52/02
(31) Priority Document No	:12/260,365
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060644
Filing Date	:14/10/2009
(87) International Publication No	:WO 2010/053669 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Certain embodiments of the present disclosure allow a mobile station to activate a sleep mode in order to reduce power consumption when the residual battery capacity is low. Certain embodiments of the present disclosure also provide techniques for adaptive power saving applied during an idle mode operation.

No. of Pages : 33 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2940/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : RELAY TECHNIQUES SUITABLE FOR USER EQUIPMENT IN DOWNLINK

(51) International classification :H04H20/71
(31) Priority Document No :61/109,679
(32) Priority Date :30/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/005914
Filing Date :30/10/2009
(87) International Publication No :WO 2010/051033 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MING JIA
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6)LAI KING TEE
7)JUN LI

(57) Abstract :

A wireless radio communication system for communicating packet transmissions from a base station to a mobile unit, comprising: a relay station positioned between the base station and the mobile unit, said relay station having a relaying function in a multihop packet transmission from the base station to the mobile unit and the relay station configured to perform communication based on a wireless packet transmission protocol, wherein said relay station receives an information packet transmission from the base station, said information packet transmission received by the relay station has a control region, a data region, and a common reference signal for use in decoding the information packet transmission, said relay station transmitting the control signal and the common reference signal in the control region of a multihop packet transmission from the relay station to the mobile unit so the mobile unit can conduct channel measurement and estimation analysis of packet transmissions received from the relay station.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2941/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR HANDOVER USING INCREASED PROBABILITY FOR FAST RANGING SUCCESS

(51) International classification	:H04W36/08, H04W56/00	(71)Name of Applicant :
(31) Priority Document No	:12/260,387	1)QUALCOMM INCORPORATED
(32) Priority Date	:29/10/2008	Address of Applicant :5775 MOREHOUSE DRIVE, SAN
(33) Name of priority country	:U.S.A.	DIEGO, CALIFORNIA 92121-1714 U.S.A.
(86) International Application No	:PCT/US09/060916	(72)Name of Inventor :
Filing Date	:15/10/2009	1)JONG RO PARK
(87) International Publication No	:WO 2010/051168	2)CHUN WOO LEE
	A1	3)KUO-CHUN LEE
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques presented herein disclose handover using increased probability of the fast ranging success. Propagation delay of the RF signal transmitted from an MS to a target BS may be estimated based on a known propagation delay to a current serving BS and a relative difference in propagation delays to the current serving BS and the target BS, for example, as indicated by different receive times of preamble sequences transmitted from the current serving BS and the target BS.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2942/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARTUS FOR REPLACEMENT CONNECTION VERIFICATION DURING MIGRATION FROM AN ANALOG NETWORK ELEMENT TO A NEXT GENERATION NETWORK ELEMENT

(51) International classification	:H04M3/30
(31) Priority Document No	:12/290,554
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005616
Filing Date	:14/10/2009
(87) International Publication No	:WO 2010/062304 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALCATEL-LUCENT USA INC.
Address of Applicant :600-700 MOUNTAIN AVENUE,
MURRAY HILL, NJ 07974-0636 U.S.A.
(72)**Name of Inventor :**
1)DAVID LEROY BRUGMAN
2)DENNIS W. CAPECCI

(57) Abstract :

Method, corresponding apparatus and system are provided for transparently testing replacement functionality and optionally migrating subscribers on analog phone lines, served, for example, by PSTN Class 5 elements, to Next Generation Network (NGN) elements when copper co-termination is leveraged. According to an exemplary method, a telephone line for a telephone number is accessed through a metallic test access circuit of an analog network element and it is determined if the telephone line is available to test. If the telephone line is available to test, a port of a Next Generation Network element corresponding to the telephone number is activated, and it is determined whether a copper connection to the port of the Next Generation Network element is operating properly based on a voltage level received through the analog network element.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2943/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PAGING PERIODS IN A MOBILE DEVICE SYNCHRONISED WITH MULTIPLE BASE STATIONS

(51) International classification :H04W68/00
(31) Priority Document No :12/260,354
(32) Priority Date :29/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/061099
Filing Date :16/10/2009
(87) International Publication No :WO 2010/053676 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: INTERNATIONAL IP
ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)TOM CHIN
2)KUO-CHUN LEE

(57) Abstract :

Certain embodiments of the present disclosure may allow a mobile station (MS) to monitor the paging interval of a serving base station (BS) as well as one or more neighboring BSs with sufficient signal strength or signal quality. Monitoring the paging intervals of multiple BSs may help improve paging success rate.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2963/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSFERRING DATA IN A MOBILE TELEPHONY NETWORK

(51) International classification :H04W92/20
(31) Priority Document No :12/259,484
(32) Priority Date :28/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2009/064160
Filing Date :27/10/2009
(87) International Publication No :WO 2010/049427
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NORTEL NETWORKS LIMITED
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NOBEL, ST. LAURENT, QUEBEC H4S 2A9 Canada
(72)**Name of Inventor :**
1)JAMES MARK NADEN

(57) Abstract :

A method of transferring data from a first base station to a second base station in a mobile telephone network operating according to a predetermined standard, the method comprising sending the data from the first base station to a data receiver of a data transfer node via a first wireless communications channel complying with the said standard, transferring the received data to a data sender of the data transfer node, and sending the transferred data from the data sender to the second base station via a second wireless communications channel complying with the said standard.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2964/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ACTIVE INTERFERENCE SUPPRESSION IN A SATELLITE COMMUNICATION SYSTEM

(51) International classification	:H04B 7/204, H04B7/185
(31) Priority Document No	:0820902.5
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2009/065046
Filing Date	:12/11/2009
(87) International Publication No	:WO 2010/055090 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASTRIUM LIMITED

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STEVENAGE, HERTFORDSHIRE SG1 2AS U.K.

(72)Name of Inventor :

1)PAUL STEPHEN NORRIDGE

2)DAVID MICHAEL HOWE

3)ANTONY DUNCAN CRAIG

(57) Abstract :

The invention relates to active interference suppression in a satellite communication system, particularly but not exclusively to an apparatus and method for using active interference suppression in order to suppress co-channel interference between user signals in the communication system. The communication system includes a receive or transmit antenna having a plurality of antenna elements, each antenna element associated with a respective antenna element signal. The method includes the steps of calculating complex weighting values for one or more of a plurality of beam signals, adjusting the beam signals in accordance with the calculated complex weighting values and cancelling co-channel interference in at least one of the beam signals using the one or more adjusted derived beam signals to provide an interference suppressed output signal. The complex weighting values can be calculated based on a constant modulus algorithm.

No. of Pages : 34 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2937/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CARBAZOLE COMPOUNDS AND THERAPEUTIC USES OF THE COMPOUND

(51) International classification	:C07D209/86, A61K31/403, A61P29/00	(71)Name of Applicant : 1)INCURON, LLC Address of Applicant :6 STOLOVYI PEREULOK, BLD. 2, MOSCOW 121069 Russia
(31) Priority Document No	:61/102,913	(72)Name of Inventor :
(32) Priority Date	:06/10/2008	1)TUCKER, JOHN
(33) Name of priority country	:U.S.A.	2)SVIRIDOV, SERGEY
(86) International Application No	:PCT/US2009/059558	3)BRODSKY, LEONID
Filing Date	:05/10/2009	4)BURKHART, CATHERINE
(87) International Publication No	:WO 2010/042445 A1	5)PURMAL, ANDREI
(61) Patent of Addition to Application Number	:NA	6)GUROVA, KATERINA
Filing Date	:NA	7)GUDKOV, ANDREI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds of the general structural formula (I) and (II) and use of the compounds and salts and hydrates thereof, as therapeutic agents are disclosed. Treatable diseases and conditions include cancers, inflammatory diseases and conditions, and immunodeficiency diseases. (I), (II).

No. of Pages : 174 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2938/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : GAS DIFFUSION LAYER FOR FUEL CELL, MANUFACTURING METHOD THEREFOR, MEMBRANE ELECTRODE ASSEMBLY, AND FUEL CELL

(51) International classification	:H01M4/96, H01M4/88
(31) Priority Document No	:2008-281548
(32) Priority Date	:31/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/005740
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/050219
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan

(72)Name of Inventor :

1)YAMAUCHI, MASAKI

2)TSUJI, YOICHIRO

(57) Abstract :

A gas diffusion layer for fuel cell of the present invention is structured with a porous member mainly comprised of conductive particles such as acetylene black, graphite and a polymer resin such as PTFE. This makes it possible to achieve both an improvement in power generation performance of the fuel cell and a reduction in costs.

No. of Pages : 58 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2944/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR VOICEMAIL MANAGEMENT

(51) International classification	:H04W4/12, H04W4/18
(31) Priority Document No	:12/289,699
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005596
Filing Date	:13/10/2009
(87) International Publication No	:WO 2010/062301 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VONAGE NETWORK, LLC
Address of Applicant :23 MAIN ST., HOLMDEL, NJ 07733
U.S.A.
(72)**Name of Inventor :**
1)GEOFFREY LANGOS

(57) Abstract :

Methods and apparatus for managing a media file having media recorded for a user in a communication system. A first message is sent to the user containing text converted from a portion of speech content of the media. A second message is received from the user containing an instruction from the user indicating an operation to be performed on the media file. The operation is performed on the media file in response to the users instruction in the second message.

No. of Pages : 22 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2945/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : 9-SUBSTITUTED MINOCYCLINE COMPOUNDS

		(71)Name of Applicant :
		1)PARATEK PHARMACEUTICALS, INC.
		Address of Applicant :75 KNEELAND STREET, BOSTON, MA 02111 U.S.A.
		2)TRUSTEES OF TUFTS COLLEGE
		(72)Name of Inventor :
		1)NELSON, MARK, L.
		2)FRECHETTE, ROGER
		3)VISKI, PETER
		4)ISMAIL, MOHAMED
		5)BOWSER, TODD
		6)DUMORNAY, JIMMY
		7)RENNIE, GLEN
		8)LIU, GUI
		9)KOZA, DARRELL
		10)SHEAHAN, PAUL
		11)STAPLETON, KAREN
		12)HAWKINS, PAUL
		13)BHATIA, BEENA
		14)VERMA, ATUL
		15)MCINTYRE, LAURA
		16)WARCHOL, TAD
(51) International classification	:C07C237/26, C07C255/59, C07C271/22	
(31) Priority Document No	:60/216,569	
(32) Priority Date	:07/07/2000	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US01/20721	
Filing Date	:29/01/2001	
(87) International Publication No	:WO 2002/004406	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:944/CHENP/2007	
Filed on	:29/06/2001	

(57) Abstract :

The present invention pertains, at least in part, to novel 9-substituted minocycline compounds. These minocycline compounds can be used to treat numerous tetracycline compound-responsive states, such as bacterial infections and neoplasms, as well as other known applications for minocycline and tetracycline compounds in general, such as blocking tetracycline compounds in general, such as blocking tetracycline efflux and modulation of gene expression.

No. of Pages : 50 No. of Claims : 10

(54) Title of the invention : AMPLIFIER WITH IMPROVED ESD PROTECTION CIRCUITRY

(51) International classification :H03F1/52,H03F3/195,H03F3/45,
H01L27/02
(31) Priority Document No :12/260,901
(32) Priority Date :29/10/2008
(33) Name of priority country :U.S.A.
(86) International Application :PCT/US2009/062409
No :28/10/2009
Filing Date
(87) International Publication :WO 2010/053791 A1
No
(61) Patent of Addition to :NA
Application Number :NA
Filing Date
(62) Divisional to Application :NA
Number :NA
Filing Date

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :INTERNATIONAL IP
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DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)Name of Inventor :

1)EUGENE R. WORLEY

(57) Abstract :

An amplifier (e.g., an LNA) with improved ESD protection circuitry is described. In one exemplary design, the amplifier includes a transistor, an inductor, and a clamp circuit. The transistor has a gate coupled to a pad and provides signal amplification for the amplifier. The inductor is coupled to a source of the transistor and provides source degeneration for the transistor. The clamp circuit is coupled between the gate and source of the transistor and provides ESD protection for the transistor. The clamp circuit may include at least one diode coupled between the gate and source of the transistor. The clamp circuit conducts current through the inductor to generate a voltage drop across the inductor when a large voltage pulse is applied to the pad. The gate-to- source voltage (Vgs) of the transistor is reduced by the voltage drop across the inductor, which may improve the reliability of the transistor.

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2967/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOBILE DEVICE AND APPLICATION SWITCHING METHOD

(51) International classification	:G06F9/50, H04M 1/00
(31) Priority Document No	:2008-280253
(32) Priority Date	:30/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068492
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/050502 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NTT DOCOMO, INC.

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CHIYODA-KU, TOKYO 100-6150 Japan

(72)Name of Inventor :

1)AKIKO TOBE

2)NIROU TSUCHIYA

3)MASA YUKI TSUDA

(57) Abstract :

An object is to switch executions of applications appropriately from one to another when a plurality of applications use a limited resource. A mobile device (1) is provided with an execution state shift unit (61) for shifting an execution state between a multiplex-execution state and a single-execution state in a multi-application execution environment, a resource release unit (62) for releasing a resource used by applications being executed in the multi-application execution environment, an application stop unit (63) for stopping an application other than the application to be executed in the single-execution state, and a resource allocation unit (64) for allocating the resource released by the resource release unit (62) to the application to be executed in the single-execution state when the execution state is shifted from the multiplex-execution state to the single-execution state by the execution state shift unit (61).

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2873/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : OPTICAL SYSTEM AND DISPLAY

(51) International classification	:G02B27/02, G02B17/00, G09F9/00
(31) Priority Document No	:0821776.2
(32) Priority Date	:28/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/JP2009/069513
Filing Date	:11/11/2009
(87) International Publication No	:WO 2010/061755 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22 NAGAIKE-CHO ABENO-KU,
OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor :

1)GREGORY GAY

2)LESLEY ANNE PARRY-JONES

(57) Abstract :

An optical system is provided, for example for use with a display device (1), for varying the shape of a surface in which an image displayed by the display device (1) is perceived. The optical system comprises first and second spaced-apart partial reflectors (3, 5), at least one of which is switchable between a first non-flat shape and a second different shape, which may be flat or non- flat. The reflectors (3,5), together with polarisation optics (2,4), provide a light path (6) such that light from the display (1) is at least partially transmitted by the first reflector (3), partially reflected by the second reflector (5), partially reflected by the first reflector (3) and partially transmitted by the second reflector (5). Light which does not follow the light path (6) is prevented from leaving the optical system.

No. of Pages : 94 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2882/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROL PANEL MOUNT HAVING ONE OR MORE STRAIN RELIEF FEATURES

(51) International classification	:H02G3/30, F16L3/233
(31) Priority Document No	:12/245,124
(32) Priority Date	:03/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059209
Filing Date	:01/10/2009
(87) International Publication No	:WO 2010/039942 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANDUIT CORP.

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(72)Name of Inventor :

1)DAVIS, DAVID, R.

2)SWENSON, DALE, R.

3)NELSON, KEVIN, L.

4)SMITH, DANIEL, J.

(57) Abstract :

Certain embodiments of the present invention provide a control panel mount having one or more strain relief features. The mount has a base and a tether. The tether has a first end and a second end. The first end of the tether is rotatably connected to the base. The second end of the tether is adapted to receive a cable tie.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2883/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INSTRUMENT AND SYSTEM FOR PRODUCING A SAMPLE OF A BODY LIQUID AND FOR ANALYSIS THEREOF

(51) International classification	:A61B5/155, A61B5/00
(31) Priority Document No	:08018873.3
(32) Priority Date	:29/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/007042
Filing Date	:01/10/2009
(87) International Publication No	:WO 2010/049048 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)F. HOFFMANN-LA ROCHE AG

Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASEL Switzerland

(72)Name of Inventor :

1)HOERAUF, CHRISTIAN

(57) Abstract :

Instrument for producing a sample of body liquid for analysis by piercing the skin with a lancing element (12) having a skin piercing tip. The instrument (11) has a housing (13) and a lancing drive (14) for driving a lancing element (12) connected thereto in a puncturing movement. A pressure ring (1) surrounds a skin contact opening (4) and is adapted for pressing against the skin. The skin contact opening (4) has an opening area corresponding to a circle with a diameter of at least 1.5 mm and at most 4 mm, and the instrument comprises a pressing force control device (37) for controlling the pressing force between the pressure ring (1) and the skin (3) at the time of triggering the puncturing movement, to be at least 3 N.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2969/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE, SYSTEM AND METHOD FOR PROVIDING DISTRIBUTED ONLINE SERVICES

(51) International classification :G06F15/16
(31) Priority Document No :12/246,078
(32) Priority Date :06/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL09/000952
Filing Date :01/10/2009
(87) International Publication No :WO 2010/041244
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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RAMAT-GAN Israel
(72)**Name of Inventor :**
1)MAKAVY, RAN
2)BERDICHEVSKY, MICHA
3)NAVEH, BARAK, R.
4)ARTZI, YOAV

(57) Abstract :

A device system and method is provided for running mobile applications, including a server for running applications and a client installed in a mobile device .The client may connect to the server via a network. The client may display content, receive user input and send user input to the server. The server may use the client to receive user input and to display content for running applications for the mobile device.

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2970/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : NON-WOVEN FABRIC COMPOSITES FROM LIGNIN-RICH, LARGE DIAMETER NATURAL FIBERS

(51) International classification	:D04H1/42, D04H1/54
(31) Priority Document No	:61/103,173
(32) Priority Date	:06/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/059720
Filing Date	:06/10/2009
(87) International Publication No	:WO 2010/042536 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :ONE BEAR PLACE, NO. 97034, WACO, TEXAS 76798-7034 U.S.A.

(72)Name of Inventor :

1)BRADLEY, WALTER

2)GREER, DAVID STANTON

(57) Abstract :

A non-woven fabric composite containing natural fibers and a method for producing such composites. The non-woven fabric composite is comprised of large diameter, lignin-rich natural fibers with a high viscous flow temperature and a high degradation temperature combined with fibers made of a thermoplastic polymer with a lower viscous flow temperature such as polypropylene, polyethylene or a biodegradable thermoplastic polymer fiber such as polylactic acid, or mixture thereof. A hot-pressed non-woven fabric composite material prepared from the non-woven fabric composite.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2965/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : WIRELESS DEVICE PROVISIONING TOOL

(51) International classification	:G06F9/445
(31) Priority Document No	:12/288,588
(32) Priority Date	:21/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061520
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/048315 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MATT GLOVER

2)IAIN SHIGEOKA

(57) Abstract :

Systems and methods are disclosed for provisioning a position monitoring device. The position monitoring device may include a wireless communication modem (108) and a first serial port (202). A provisioning device (124) may be coupled to the position monitoring device (104) through a serial connection. The provisioning device can include a memory, a second serial port, and a processor (122). In some embodiments, the provisioning device (116) initiates an automatic configuration of the wireless communication modem (108) through a series of attention commands. Systems and methods are also disclosed that include provisioning a target device (104) coupled to a wireless network. These systems and methods include a provisioning server (116) coupled to the wireless network and a target update (102) coupled to the provisioning server (116). The provisioning server (116) includes instructions relating to the configuration of the target device (104). In addition, these systems and methods include a server (1016) coupled to the target update (102) and a provisioning user interface coupled to the server that is operable to create parameters for a software update and transmit the parameters to the server. The server (116) is operable to communicate the parameters to create the target update, and the target update is transmitted through the provisioning server and the wireless network to the target device.

No. of Pages : 45 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2973/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : READY-TO-USE, STABLE EMULSION

(51) International classification	:A23D7/005, A23K 1/16, A23L 1/30	(71)Name of Applicant : 1)BASF SE Address of Applicant :67056, LUDWIGSHAFEN Germany
(31) Priority Document No	:08165989.8	(72)Name of Inventor :
(32) Priority Date	:07/10/2008	1)KOPSEL, CHRISTIAN
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP09/062768	
Filing Date	:01/10/2009	
(87) International Publication No	:WO 2010/040683 A1	
(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 stable emulsion, ready for use, of fat-soluble vitamins or carotenoids, a process for the preparation thereof, and the use thereof as addition to animal feeds, human foods and dietary supplements, and cosmetic and pharmaceutical compositions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2974/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENHANCED DATA ACCESS FOR INFORMATION SYSTEMS

(51) International classification :G06F17/30
(31) Priority Document No :08165999.7
(32) Priority Date :07/10/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/FI09/050780
Filing Date :30/09/2009
(87) International Publication No :WO 2010/040895
A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SAVUNEN, TAPIO
2)SALOVUORI, HEIKKI
3)LAHTINEN, OLLI-PEKKA

(57) Abstract :

An information system that comprises a data source that transmits a data item to a group of database instances using a packet-switched communication protocol in which retransmission of the data item to a data base instance is independent from reception of an acknowledgement to the transmitted data item from the database instance. A database instance receives the data item from the data source, stores it as a present data Item and opens access to the present data item. A data consumer queries information on the present data item from the database instance and is provided with means to detect whether the Information included In a response to the query Is valid or not. If the information Is not valid, the data consumer initiates a new query from another destination.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2975/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : VALVES HAVING REMOVABLE INTERNAL ACTUATION MECHANISMS

(51) International classification	:F16K39/02, F16K1/12
(31) Priority Document No	:12/247,839
(32) Priority Date	:08/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/054624
Filing Date	:21/08/2009
(87) International Publication No	:WO 2010/042277 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LIN, CHUN
2)NGUYEN, TUNG, KIM
3)PELFREY, ROY, RONALD

(57) Abstract :

Internal valve apparatus are described. An example internal valve includes a body (102) having a valve seat (202) disposed between an inlet (206) and an outlet (208). A flow control member (110) operatively coupled to the body moves between a first position in which the flow control member engages the valve seat to restrict the flow of fluid through the valve and a second position in which the flow control member is spaced from the valve seat to allow the flow of fluid through the valve. The example internal valve further includes a removable actuation member (114) disposed within the body and responsive to a fluid pressure to cause the flow control member to move between the first and second positions.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2971/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BINDING PROTEINS INHIBITING THE VEGF-A RECEPTOR INTERACTION

(51) International classification :C07K14/47
(31) Priority Document No :08168166.0
(32) Priority Date :03/11/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP09/064483
Filing Date :03/11/2009
(87) International Publication No :WO 2010/060748
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BINZ, HANS KASPAR
2)FORRER, PATRIK
3)STUMPP, MICHAEL TOBIAS

(57) Abstract :

The present invention relates to binding proteins specific for VEGF-A, in particular to recombinant binding proteins comprising a binding domain, which inhibits VEGF-Axxx binding to VEGFR-2. Examples of such binding proteins are proteins which comprise an ankyrin repeat domain with the desired binding specificity. The binding proteins are useful in the treatment of cancer and other pathological conditions, e.g. eye diseases such as age-related macular degeneration.

No. of Pages : 52 No. of Claims : 20

(54) Title of the invention : 3-(BENZYLAMINO)-PYRROLIDINE DERIVATIVES AND THEIR USE AS NK-3 RECEPTOR ANTAGONISTS

(51) International classification	:C07D207/14, A61K 31/401, A61K31/4025	(71)Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASEL Switzerland
(31) Priority Document No	:08168213.0	(72)Name of Inventor :
(32) Priority Date	:03/11/2008	1)BISSANTZ, CATERINA
(33) Name of priority country	:EPO	2)JABLONSKI, PHILIPPE
(86) International Application No	:PCT/EP09/064031	3)KNUST, HENNER
Filing Date	:26/10/2009	4)NETTEKOVEN, MATTHIAS
(87) International Publication No	:WO 2010/060703	5)RATNI, HASANE
	A1	6)RIEMER, CLAUS
(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 compounds of formula I wherein Ar is aryl; R1 is hydrogen, halogen, lower alkyl, lower alkoxy, lower alkyl substituted by halogen, lower alkoxy substituted by halogen, cyano, amino, mono or di-lower alkyl amino, C(O)-lower alkyl, or is aryl or heteroaryl; R2 is hydrogen or halogen; R3 is -(CH₂)_p-heterocyclyl, optionally substituted by one or two substituents R4; or is lower alkyl, lower alkoxy, -(CH₂)_p-O-lower alkyl, -(CH₂)_p-CN, -O-(CH₂)_p-CN, -(CH₂)_p-heteroaryl, -(CH₂)_p-C(O)-heteroaryl, -O-(CH₂)_p-heterocyclyl, -(CH₂)_p-aryl, optionally substituted by lower alkoxy or halogen, -(CH₂)_p-O-aryl, optionally substituted by lower alkyl, -(CH₂)_p-NR-heterocyclyl, optionally substituted by lower alkyl, -(CH₂)_p-NRR, -(CH₂)_p-NR-CH₂)_p-NRR, -(CH₂)_p-NR-CH₂)_p-CN, -CH₂)_p-C(O)-NRR or is -O-(CH₂)_p-NRR; R4 is hydroxy, lower alkyl, -(CH₂)_p-OH, -(CH₂)_p-NRR, -NR-C(O)-lower alkyl, -(CH₂)_p-CN, -S(O)₂-lower alkyl, -NR-S(O)₂-lower alkyl, -S(O)₂-NRR, -C(O)-lower alkyl, -C(O)-lower cycloalkyl, wherein the cycloalkyl may be substituted by lower alkyl, or is -C(O)-NRR, heterocyclyl, optionally substituted by =O, or is heteroaryl, optionally substituted by alkoxy or cyano, or is aryl optionally substituted by alkoxy, cyano or is 2-oxa-5-aza-bicyclo[2.2.1]hept-5-yl; R and R are independently from each other hydrogen, lower alkyl or -(CH₂)_p-OH; n is 1 or 2; in case n is 1 or 2, R1 may be the same or different; o is 1 or 2; in case o is 1 or 2, R2 may be the same or different; p,p are the same or different and are 0, 1, 2 3 or 4; or to a pharmaceutically active salt, a racemic mixture, an enantiomer, an optical isomer or a tautomeric form thereof. It has been found that the present compounds are high potential NK-3 receptor antagonists for the treatment of depression, pain, psychosis, Parkinsons disease, schizophrenia, anxiety and attention deficit hyperactivity disorder (ADHD).

No. of Pages : 134 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2984/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : VERTEBRAL INTERBODY SPACER AND COUPLED PLATE ASSEMBLY

(51) International classification :A61F/44
(31) Priority Document No :61/112,441
(32) Priority Date :07/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/063570
Filing Date :06/11/2009
(87) International Publication No :WO 2010/054208
A1
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MEILL, RALPH

6)HUNZIKER, MARKUS

7)JEGER, MICHAEL

8)KUEENZL, THOMAS

9)KOCH, DAVID

10)PONZER, RAINER

11)RICHTER, JOERN

12)BERGER, ROGER

(57) Abstract :

An implant for insertion into the disc space between vertebrae. The implant including a spacer portion, a plate portion coupled to the spacer portion, a plurality of bone fixation elements for engaging the vertebrae and a retention mechanism for preventing the bone fixation elements from postoperatively uncoupling from the implant.

No. of Pages : 76 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2985/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STABLE NANOPARTICLES AND METHODS OF MAKING AND USING SUCH PARTICLES

(51) International classification	:B82B1/00, B82B3/00
(31) Priority Document No	:61/108,425
(32) Priority Date	:24/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/061953
Filing Date	:23/10/2009
(87) International Publication No	:WO 2010/048581
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TULSKY, ERIC

(57) Abstract :

A population of nanoparticles is disclosed. The population is comprised of a plurality of core/shell nanocrystals, each including: a semiconductor core, an intermediate semiconductor shell layer disposed over the semiconductor core, an external semiconductor shell layer disposed over the intermediate semiconductor shell layer, and a hydrophilic organic layer in direct contact with the external semiconductor shell layer. The population of nanoparticles has a α on value of less than about 1.4.

No. of Pages : 64 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS TO DETERMINE A POSITION OF A VALVE

(51) International classification	:F16K37/00
(31) Priority Document No	:12/247,838
(32) Priority Date	:08/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/054620
Filing Date	:21/08/2009
(87) International Publication No	:WO 2010/042276
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LIN, CHUN
2)PELFREY, ROY, RONALD

(57) Abstract :

An apparatus to indicate a position of a valve is described. An example position indicator apparatus includes a follower (302) operatively coupled to a flow control member (202) of a valve to sense a displacement of the flow control member. The example apparatus further includes a status indicator (304) to provide an indication that corresponds to the displacement of the flow control member to determine one of a plurality of predetermined operational positions of the valve and a visual display (328) to cooperate with the status indicator to indicate a position of the valve corresponding to one of the plurality of predetermined operational positions of the valve.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2987/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIGITAL BROADCAST RECEIVER AND DIGITAL BROADCAST RECEPTION MEHTOD

(51) International classification	:H04N7/173, H04N7/173, H04N7/24
(31) Priority Document No	:2008-260098
(32) Priority Date	:06/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/067346
Filing Date	:05/10/2009
(87) International Publication No	:WO 2010/041627 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)YAMADA, HAJIME

(57) Abstract :

Upon start of processing, a digital broadcast receiver can acquire a CDN configuration information file (XML) after newly connected to a CDN by a users operation. Next, the digital broadcast receiver acquires a PF configuration information file written in the CDN configuration information. The digital broadcast receiver judges whether there is an IP broadcast or not. If there is an IP broadcast, the digital broadcast receiver connects to a multicast address described in the PF configuration information file (XML), and acquires information on all channels in the PF from a SI dedicated stream (all station SI including no video or audio) (channel scan). The URL of a SNTP is described in the CDN configuration information file. Time information is acquired through the SNTP at the same time as (or at a timing near the timing of, such as immediately before or immediately after) the channel scan. The above processing enables easy time acquisition which is a problem peculiar to an IPTV with which viewing of an IP broadcast is possible.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2988/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHOSPHATED POLYCONDENSATE, PROCESS FOR THE PREPARATION THEREOF AND USE

(51) International classification	:C04B24/30, C08G12/40, C08G8/28	(71)Name of Applicant :
(31) Priority Document No	:08165915.3	1)CONSTRUCTION RESEARCH & TECHNOLOGY GMBH
(32) Priority Date	:06/10/2008	Address of Applicant :DR.-ALBERT-FRANK-STRASSE 32,
(33) Name of priority country	:EPO	D-83308 TROSTBERG Germany
(86) International Application No	:PCT/EP09/061547	(72)Name of Inventor :
Filing Date	:07/09/2009	1)KRAUS, ALEXANDER
(87) International Publication No	:WO 2010/040612 A1	2)DIERSCHKE, FRANK
(61) Patent of Addition to Application Number	:NA	3)BECKER, FABIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a phosphated polycondensate which can be used as a plasticizer for hydraulic binders, containing a structural unit (I) having an aromatic or heteroaromatic and a polyether side chain, a phosphated structural unit (II) having an aromatic or heteroaromatic and a structural unit (III) having an aromatic or heteroaromatic, structural unit (II) and structural unit (III) differing exclusively in that the OP(OH)₂ group of the structural unit (II) is replaced by H in structural unit (III), and structural unit (III) is not the same as structural unit (I).

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2989/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : VALVE FOR CONTROLLING FLOW VOLUME

(51) International classification	:F16K3/08, F16K 31/53
(31) Priority Document No	:10 2008 042 947.3
(32) Priority Date	:20/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/062874
Filing Date	:05/10/2009
(87) International Publication No	:WO 2010/046225
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)REEB, GEORG
4)MUSCHELKNAUTZ, CLAUDIUS
5)URLAUB, SVEN

(57) Abstract :

The present subject matter relates to a valve (1) for controlling flow volume, particularly in a heating and/or cooling system of a motor vehicle. The valve (1) includes a disc shaped valve body (2) with at least one control opening (3). Further the disc shaped valve body (2) interacts with a disc shaped sealing body (10) having at least one through hole (11) for controlling the flow volume. The disc shaped valve body (2) includes external gear teeth (49) into which a pinion (42) engages in order to rotate the disc shaped valve body (2). According to the present subject matter, the pinion (42) and the external gear teeth (49) of the disc shaped valve body (2) interact with each other via involute gear teeth (43, 44).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2976/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR INSERTING A RECTAL SUPPOSITORY

(51) International classification :A61M31/00
(31) Priority Document No :12/287,215
(32) Priority Date :07/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/059623
Filing Date :06/10/2009
(87) International Publication No :WO 2010/042468 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ENSIGN, JENNIFER, D.

(57) Abstract :

Rectal suppositories are used to administer a predetermined drug dosage to treat a variety of diseases and symptoms in a variety of patient populations. Certain medical conditions, such as digestive disorders, may be more effectively treated when the suppository is placed in a particular location of the patients anal canal or rectum. A method and apparatus for inserting a suppository into an animal or human may include an applicator having a barrel and plunger. The barrel maintains a first gas flow path during insertion of a suppository and the plunger maintains a second gas flow path during withdrawal of the plunger. By maintaining a first and second gas flow path, trapped air and suction effects on the suppository are minimized or eliminated. Furthermore, patients may immediately resume day-to-day activities. These benefits may encourage patients to maintain a course of treatment thereby potentially avoiding additional complications, hospitalization, and costs.

No. of Pages : 40 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2977/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HEPATITIS C ANTIBODIES AND USES THEREOF

(51) International classification	:C07K16/10, A61K39/395
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/078884
Filing Date	:05/10/2008
(87) International Publication No	:WO 2010/039154 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)FOUNG, STEVEN

2)KECK, ZHEN-YONG

(57) Abstract :

The present invention provides identification and characterization of conformational epitopes of the envelope protein E2 of the Hepatitis C virus (HCV). The present invention provides a panel of human monoclonal antibodies that recognize conformational epitopes of E2. The antibodies are derived from patients infected with HCV. The present invention provides methods for utilizing HCV antibodies as therapeutic, diagnostic, and/or prophylactic agents. The present invention provides mimotopes with conformational epitopes intact and methods of using mimotopes. The present invention provides methods of stratifying patients based on their response to HCV. The present invention provides pharmaceutical compositions for prevention and treatment of HCV comprising one or more HCV antibodies.

No. of Pages : 188 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2978/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND APPARATUS FOR PLANNING AND DYNAMICALLY UPDATING SAMPLING OPERATIONS WHILE DRILLING IN A SUBTERRANEAN FORMATION

(51) International classification	:E21B47/00
(31) Priority Document No	:61/110,587
(32) Priority Date	:03/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062303
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/062635
	A2
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Methods and apparatus for planning and dynamically updating sampling operations while drilling in a subterranean formation are described. An example method of planning a sampling while drilling operation for a subterranean formation includes identifying a plurality of processes and related parameters, the processes including drilling and sampling processes and the related parameters including drilling and sampling parameters. The example method also involves processing the parameters for each of the processes via a simulation engine to generate predictions associated with sampling the formation, the simulation engine including at least one of a wellbore hydraulics simulator, a mudcake simulator, a formation flow simulator, or a tool response simulator. The example method also involves ranking the predictions associated with sampling the formation based on at least one of a sample fluid quality, a sampling process duration, a sampling process efficiency or a cost of sampling, and planning the sampling operation based on the ranked predictions

No. of Pages : 74 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2979/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SECURIZATION WITH DYE DIFFUSION TRANSFER LAMINATES

(51) International classification :B41M3/14, B41M
5/24, B41M 5/26
(31) Priority Document No :08168228.8
(32) Priority Date :04/11/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP09/063461
Filing Date :15/10/2009
(87) International Publication No :WO 2010/052104
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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MORTSEL Belgium
(72)Name of Inventor :
1)UYTTENDAELE, CARLO
2)GEUENS, INGRID

(57) Abstract :

A security laminate containing a dye diffusion transfer image receptor layer comprising a polymeric mordant for dyes on a support having a laser engraved first dye diffusion transfer image or a laser marked dye diffusion transfer image receptor layer in an area lacking the first dye diffusion transfer image. Methods for manufacturing and securing security document precursors are also disclosed.

No. of Pages : 32 No. of Claims : 15

(54) Title of the invention : METHODS AND SYSTEMS FOR PROGRAMMABLE DIGITAL UP-CONVERSION

(51) International classification	:H04L27/00, H03M1/66, H03H17/02
(31) Priority Document No	:12/254,332
(32) Priority Date	:20/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA09/001495
Filing Date	:20/10/2009
(87) International Publication No	:WO 2010/045720
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BRADLEY JOHN MORRIS**2)ARTHUR THOMAS GERALD FULLER**

(57) Abstract :

A method of digitally up-converting a discrete-time baseband signal to a desired frequency comprising: selecting a fixed effective sampling rate F_s for a digital-to-analog converter (DAC) used in up-converting the discrete-time baseband signal; performing complex tuning on the discrete-time baseband signal to produce a complex tuned discrete-time signal which is translated in the frequency domain; up-sampling by N , $N \geq 2$, to produce an up-sampled discrete-time signal having a frequency domain representation that includes a plurality of equally spaced apart images; filtering the up-sampled discrete-time signal to select at least one image of the plurality of images of the discrete-time signal to produce a filtered discrete-time signal; converting the filtered discrete-time signal that includes the at least one image to a continuous-time signal using the DAC; and filtering the continuous-time signal to select an image located at the desired frequency in the frequency domain; wherein an amount of tuning used in the performing complex tuning step and filter coefficients used in the filtering of the discrete-time signal step are each determined as a function of the fixed effective sampling rate of the DAC and the desired frequency of up-conversion.

No. of Pages : 49 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2981/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : VERTEBRAL INTERBODY SPACER AND COUPLED PLATE ASSEMBLY

(51) International classification :A61F2/44
(31) Priority Document No :61/112,441
(32) Priority Date :07/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/063529
Filing Date :06/11/2009
(87) International Publication No :WO 2010/054181
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MCDONOUGH, WILLIAM, P.

2)STRAUSBAUGH, WILLIAM, L.

3)BONNER, CHRISTOPHER

4)PEPE, THOMAS

5)MEILL, RALPH

6)HUNZIKER, MARKUS

7)JEGER, MICHAEL

8)KUEENZL, THOMAS

9)KOCH, DAVID

10)PONZER, RAINER

11)RICHTER, JOERN

12)BERGER, ROGER

(57) Abstract :

An implant for insertion into a disc space between vertebrae, wherein the implant includes a spacer portion, a plate portion coupled to the spacer portion, two bone fixation elements or engaging the vertebrae and a retention mechanism for preventing the bone fixation elements from postoperatively backing-out of the plate portion. The retention mechanism may be in the form of a spring biased snapper element that is biased into communication with the bone fixation elements so that once the bone fixation element advances past the snapper element, the snapper element is biased back to its initial position in which the snapper element interfaces with the bone fixation elements. Alternatively, the retention mechanism may be in the form of a propeller rotatable between a first position in which the bone fixation elements are insertable to a second position where the bone fixation elements are prevented from backing-out.

No. of Pages : 70 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2982/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIOMASS CONVERSION PROCESS

(51) International classification	:C07C1/00
(31) Priority Document No	:61/111,012
(32) Priority Date	:04/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063275
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/053989
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)BARTEK, ROBERT

2)YANIK, STEVE

3)O'CONNOR, PAUL

(57) Abstract :

A process is disclosed including: contacting solid biomass with a first catalyst stream in a first reaction zone operated at a temperature T1 (from about 250 to about 400°C), for conversion of a portion of the solid biomass and forming a first gaseous product stream; downwardly passing unconverted biomass to a second reaction zone for contact with a second catalyst stream charged to the second reaction zone operated at a temperature T2, for conversion to form a second gaseous product stream and a spent catalyst; burning coke off the spent catalyst in a regenerator to form a regenerated catalyst; charging a portion of the regenerated catalyst to each of the first and second reaction zones, as the first and second catalyst streams, respectively; upwardly passing the second gaseous product stream to the first reaction zone; and removing both first and second gaseous product streams from the first reaction zone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2983/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PRODUCTING MIXED METAL RARE EARTH METAL HALIDE SOLUTIONS IN ORGANIC SOLVENTS

(51) International classification	:C01F17/00, C08F4/52	(71) Name of Applicant : 1)CHEMETALL GMBH
(31) Priority Document No	:10 2008 050 440.8	Address of Applicant :TRAKEHNER STR. 3, D-60487
(32) Priority Date	:08/10/2008	FRANKFURT AM MAIN` Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP09/062993	1)WIETELMANN, ULRICH
Filing Date	:07/10/2009	
(87) International Publication No	:WO 2010/040761 A3	
(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 lithium salt-containing rare earth halide solutions in aprotic solvents, process for the production thereof and the uses. thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2990/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND DEVICE FOR TESTING COMPUTER CORE IN PROCESSOR COMPRISING AT LEAST TWO COMPUTER CORES

(51) International classification	:G06F11/267
(31) Priority Document No	:10 2008 042 894.9
(32) Priority Date	:16/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/061412
Filing Date	:03/09/2009
(87) International Publication No	:WO 2010/043448
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MUELLER, BERND
2)AUE, AXEL

(57) Abstract :

The present subject matter relates to a method and a device to test a computer core in a processor including at least two computer cores. The computer cores are connected with each other via an internal connecting system, and both the computer cores contribute to an operating flow of a machine. According to the present subject matter, the method includes carrying out a test in the one computer core, while at the same time, processing a program for carrying out the operating flow of the machine in another computer core.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2991/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOTOR SYSTEM AND METHOD FOR OPERATING MOTOR SYSTEM

(51) International classification	:H02P4/00, H02M 3/158, H02P 27/08
(31) Priority Document No	:10 2008 042 805.1
(32) Priority Date	:14/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/060707
Filing Date	:19/08/2009
(87) International Publication No	:WO 2010/043436
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)POETZL, THOMAS

2)SPRAUL, MANFRED

(57) Abstract :

The present subject matter relates to a method for operating a control unit for an electric motor (2). The control unit is provided with a control module (3) for controlling the electric motor (2) and with an intermediate module connected upstream of the control module (3), particularly having an intermediate circuit capacitance (7). The method includes supply of a control variable (SG) for controlling the electric motor (2), adjustment of a variable input voltage (UDC) and supply of the adjusted input voltage (UDC) to the control module (3) across the intermediate module. The control unit (3) is operated as a function of an available intermediate module voltage (Uc) which depends on the adjusted input voltage (UDC), and as a function of the control variable (SG), in order to control the electric motor (2) according to the control variable (SG).

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2992/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING TOTAL CYLINDER CHARGE AND/OR INSTANTANEOUS RESIDUAL GAS RATE IN INTERNAL COMBUSTION ENGINE HAVING EXHAUST GAS RECIRCULATION SYSTEM

(51) International classification	:F02D41/00, F02M 25/07
(31) Priority Document No	:102008042819.1
(32) Priority Date	:14/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/063067
Filing Date	:08/10/2009
(87) International Publication No	:WO 2010/043531
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SCHULTE MOENTING, MARTIN
2)BERKEMER, JUERGEN

(57) Abstract :

The subject matter describes a method for determining a total cylinder charge (rfrges) in cylinders (3) of an internal combustion engine (2) having an exhaust gas recirculation system (7). The method includes recirculation of exhaust gas at an introduction point (10) into an intake pipe (4) for supplying a gas mixture into the cylinders (3). Then, the total cylinder charge (rfrges) indicates an instantaneous total gas quantity in the cylinders (3). The total cylinder charge (rfrges) is determined as a function of a sum of a gas mass flow supplied to the intake pipe (4) and as a function of a first dynamic correction factor (fvism), which defines the dynamic characteristic of the intake pipe (4) with respect to an intake pipe pressure (ps) that develops there.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3000/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : UNEQUAL MULTIPATH PROTECTION OF DIFFERENT FRAMES WITHIN A SUPERFRAME USING DIFFERENT CYCLIC PREFIX LENGTHS

(51) International classification	:H04L27/26
(31) Priority Document No	:61/114,402
(32) Priority Date	:13/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063807
Filing Date	:10/11/2009
(87) International Publication No	:WO 2010/056639
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MIGUEL GRIOT
2)PRANAV DAYAL

(57) Abstract :

Techniques for providing multipath protection of a portion of a frame classified as having a first importance level (e.g., critical) are provided. Different cyclic prefix lengths may be used, depending on whether a frame contains information deemed critical.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3007/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ROCK CRUSHER COUNTERWEIGHT OIL DEFLECTION PLATES

(51) International classification :B02C15/10

(31) Priority Document No :12/290,968

(32) Priority Date :04/11/2008

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

(86) International Application No :PCT/US2009/062151

Filing Date :27/10/2009

(87) International Publication No :WO 2010/053747 A3

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :VIGERSLEV ALLE 77, DK-2500

VALBY Denmark

(72)Name of Inventor :

1)BROWN, ANDREW

2)O'BRYAN, KURT

(57) Abstract :

A conical rock crusher, such as a conical cone or gyratory crusher incorporating atleast one oil deflection plate serving to redirect oil from exiting the crusher thereby to reducing oil loss.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3008/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PRODUCING A POWDER OF ALUMINUM TITANATE-BASED CERAMICS

(51) International classification	:C01G23/00, C04B 35/46
(31) Priority Document No	:2008-260240
(32) Priority Date	:07/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/067388
Filing Date	:06/10/2009
(87) International Publication No	:WO 2010/041648
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SUZUKI, KEIICHIRO

2)NARUMI, MASAYUKI

(57) Abstract :

The invention is to provide a process of producing the powder of aluminum titanate-based ceramics in which the formation of fine particulate component and coarse particulate component is inhibited, and having a very sharp grain size distribution, efficiently and at good yield. The invention is a process for producing a powder of aluminum titanate-based ceramics, comprising a step of keeping a precursor mixture containing a titanium source powder, an aluminum source powder and a silicon source powder at a temperature range of from 1100°C to 1350°C for 3 hours or more, followed by a step of heating the precursor mixture up to 1400°C or more and thereafter firing, at this temperature, the precursor mixture after the keeping to obtain a fired body of aluminum titanate-based ceramics, and a step of pulverizing and classifying the fired body of aluminum titanate-based ceramics, wherein the step of pulverizing and classifying the fired body of aluminum titanate-based ceramics comprises; a step (A) of pulverizing the fired body of aluminum titanate-based ceramics with the application of an impact and classifying the pulverized ceramics to obtain a powder of aluminum titanate-based ceramics having a prescribed grain diameter or less, and a step (B) of re-pulverizing the rest of the pulverized ceramics with the application of an impact and classifying the obtained pulverized ceramics to obtain a powder of aluminum titanate-based ceramics having a prescribed grain diameter or less.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3004/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : β GI-IGG INTRON FOR ENHANCED ANTI-IGF1 R EXPRESSION

(51) International classification	:C12N15/67, C07K 16/22, C07K 16/24
(31) Priority Document No	:61/113,807
(32) Priority Date	:12/11/2008
(33) Name of priority country	<input type="checkbox"/> U.S.A.
(86) International Application No	:PCT/US2009/064147
Filing Date	:12/11/2009
(87) International Publication No	:WO 2010/056816 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SAHA, DEBA, P.

(57) Abstract :

The present invention provides polynucleotides for enhanced expression of a target gene such as an immunoglobulin. Methods of expressing a target gene using the polynucleotides of the invention are also covered.

No. of Pages : 94 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3005/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND DEVICE FOR REDUCING ELECTROMAGNETIC EMISSIONS DURING SWITCHING-ON OF POWER SEMICONDUCTOR

(51) International classification	:H03K17/16, H03K17/567
(31) Priority Document No	:10 2008 042 895.7
(32) Priority Date	:16/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/060709
Filing Date	:19/08/2009
(87) International Publication No	:WO 2010/043437 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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1)HEIMBURGER, STEFAN

(57) Abstract :

The present subject matter relates to a method for reducing electromagnetic emissions during a switching-on operation of a power semiconductor (16) by means of a current pilot controller (25). The power semiconductor (16) controls a load (12) in such a way that after the switching-on operation, a load current (IL, ID,3, ID,4) flows through the load (12) and the power semiconductor (16). Further, a saturation value (ID.SAT,3, ID SA I I) of the load current (IL, ID,3, ID,4) defines an operating point of the power semiconductor (16). Different operating points of the power semiconductor (16) result for different saturation values (ID,SAT,3, ID,SAT,4) of the load current (IL, ID,3, ID,4)- According to the present subject matter a control current (Is , IG,3, IG,4) predetermined by the current pilot controller (25) is divided in substantially at least two consecutive half-waves (44, 46). Further, for an operating point of the power semiconductor (16), which corresponds to a highest saturation value (ID,sat,3) of the load current (ID,3), A further half-wave (46) follows a first half-wave (44) when the load current (IL, ID,3) has approximately reached a maximum value (ID,max,3) thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3006/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHOSPHORUS-CONTAINING SILSESQUIOXANE DERIVATIVES AS FLAME RETARDANTS

(51) International classification :C07F9/40, C08G
59/30
(31) Priority Document No :12/263,704
(32) Priority Date :03/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/062912
Filing Date :02/11/2009
(87) International Publication No :WO 2010/062709
A2
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(72)Name of Inventor :
1)LIM, LISA, S.
2)PYUN, EUMI
3)RULE, JOSEPH, D.

(57) Abstract :

A phosphorus-containing silsesquioxane is represented by the formula
[R1₃SiO_{1/2}]_m[R2SiO_{3/2}]_n[R3SiO_{3/2}]_p[(R4O)₂PO(CH₂)_xSiO_{3/2}]_q wherein each of R1, R2, R3, and R4 independently represents a hydrocarbyl group; x represents an integer of from 1 to 8; m is a positive number less than 1.5; n and q are positive numbers greater than 0 and less than 1; and p is a number greater than or equal to 0 and less than 1. Further, (n + p)/q is in a range of from 0.5 to 99, and (n + p + q) = 1. Curable and cured compositions comprising the phosphorus-containing silsesquioxane are disclosed.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3011/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR ASSEMBLING AN OPERATING RIG FOR A FLUID IN A BODY OF WATER AND ASSOCIATED OPERATING RIG

(51) International classification	:F16L1/15, E21B 17/01, E21B 43/013
(31) Priority Document No	:0857521
(32) Priority Date	:05/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052123
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/052422 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)REMERY, JEROEN

2)VIVET, ROMAIN

3)DEFRESLON, CHRISTOPHE

4)LUPPI, ANGE

(57) Abstract :

This method comprises connecting a downstream point (40) of a pipe (24) to a buoy (26) and completely submerging the buoy (26). It comprises deploying in the body of water (12) an intermediate section (30) of the pipe (24) from the downstream point (40) to at least as far as an upstream point (38), anchoring the upstream point (38), anchoring the upstream point (38), anchoring the upstream point (38), and tensioning the intermediate section (30) to keep it vertical. The height of the buoy (26) is less than 1.5 times its greatest transverse dimension. The method comprises moving the buoy (26) between a remote position and an installed position in line with an anchoring region, keeping the buoy (26) partly submerged on the surface (16) of the body of water.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3012/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A TRANSFORMER ASSEMBLY

(51) International classification	:H01F27/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP08/063343
Filing Date	:06/10/2008
(87) International Publication No	:WO 2010/040379
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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ZURICH Switzerland
(72)**Name of Inventor :**
1)SCIAR, ILARIO
2)FOGELBERG, THOMAS

(57) Abstract :

A transformer assembly comprising a housing and an electrical transformer having a tank which is positioned inside the housing. A device for electrically connecting the transformer to an electrical article outside the housing comprises a shaped body having a first face which is suitable to be connected to one of the walls of the tank, and a second face which is suitable to be connected to one of the walls of the housing. The shaped body comprises a deformable portion which is adapted to adjust the positioning of the second face relative to the wall of the housing to which it is suitable to be connected to.

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3001/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PARTITIONED TRAFFIC SEGMENT COMMUNICATIONS METHODS AND APPARATUS

(51) International classification :H04W 72/04
(31) Priority Document No :12/267,962
(32) Priority Date :10/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/063297
Filing Date :04/11/2009
(87) International Publication No :WO 2010/054005
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
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(72)Name of Inventor :
1)GAVIN BERNARD HORN
2)ASHWIN SAMPATH
3)JUNYI LI
4)RAJIV LAROA

(57) Abstract :

Methods and apparatus related to partitioning traffic segments are described. An access router, having concurrent connections with two access terminals, each desiring to transmit traffic signals to the access router in the same traffic segment, partitions a traffic segment. The partition is such that a first portion of the traffic segment is allocated to a first access terminal and a second portion of the traffic segment is allocated to the second access terminal. Control information, e.g., conveying partition information, is communicated to access terminals prior to the traffic segment. In some embodiments, the partition information is communicated as part of a transmission request response signal, e.g., via phase of the request response signal. An access terminal which has been allocated a traffic segment partition portion identifies its allocation from the transmitted control information, and subsequently transmits traffic signals to the access router in its allocated portion of the traffic segment.

No. of Pages : 55 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3002/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING DRX CYCLE USED FOR PAGING

(51) International classification	:H04W68/00
(31) Priority Document No	:61/115,848
(32) Priority Date	:18/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/065010
Filing Date	:18/11/2009
(87) International Publication No	:WO 2010/059741
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :ATTN: INTERNATIONAL IP
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(72)Name of Inventor :

1)MASATO KITAZOE

2)OSOK SONG

3)NATHAN EDWARD TENNY

(57) Abstract :

Techniques for determining a discontinuous reception (DRX) cycle used to receive paging are described. A user equipment (UE) may have (i) a first DRX cycle used by a first network (e.g., a core network) to page the UE and (ii) a second DRX cycle used by a second network (e.g., a RAN) to page the UE. In an aspect, the UE may use the longer DRX cycle and ignore the shorter DRX cycle, when allowed, to extend battery life. In one design, the UE may receive an indication of whether the second DRX cycle can be ignored or is to be considered by the UE. The UE may use the longer DRX cycle if the second DRX cycle can be ignored and may receive paging from the first network and/or the second network based on the longer DRX cycle. In another aspect, the UE may negotiate a DRX cycle with a network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3003/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CIRCUIT FOR MEASURING THE EFFICIENT CURRENT OF A SIGNAL TO BE MONITORED

(51) International classification	:G01R19/02, G06G 7/12
(31) Priority Document No	:0806210
(32) Priority Date	:06/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/064705
Filing Date	:05/11/2009
(87) International Publication No	:WO 2010/052278 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VALEO SYSTEMES DE CONTROLE MOTEUR

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68532, F-95892 CERGY PONTOISE France

(72)Name of Inventor :

1)LUIS DE SOUSA

2)DOMINIQUE DUPUIS

(57) Abstract :

A circuit (22) for measuring the effective current ($i_{eff}(t)$) of a signal to be monitored ($i(t)$) characterized in that it comprises means for slaving a DC reference signal ($i_{DC}(t)$) to the signal to be monitored ($i(t)$) in such a way that the effective current ($i_{DCeff}(t)$) of the DC reference signal ($i_{DC}(t)$) is equal to the effective current ($i_{eff}(t)$) of the signal to be monitored ($i(t)$).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3010/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PULL-OUT GUIDE

(51) International classification	:A47B88/10, A47B88/14	(71)Name of Applicant : 1)PAUL HETTICH GMBH & CO., KG Address of Applicant :VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN Germany
(31) Priority Document No	:20 2008 014 564.3	
(32) Priority Date	:03/11/2008	
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP09/064289	1)REHAGE, DANIEL
Filing Date	:29/10/2009	2)SALOMON, STEFAN
(87) International Publication No	:WO 2010/060724 A1	3)BRINKMANN, RUDIGER
(61) Patent of Addition to Application Number	:NA	4)PIZA, GLAUCO
Filing Date	:NA	5)REIDT, DANIEL
(62) Divisional to Application Number	:NA	6)BUDDE, SVEN
Filing Date	:NA	

(57) Abstract :

Disclosed is a pull-out guide (1), especially for household appliances, comprising a guide rail (2) and at least one additional rail (3) which are mounted to be slidable relative to each other on sliding surfaces (7) by means of rolling elements (5) and which have at least one locking means for releasably fixing the additional rail (3, 4) in a predetermined position on the guide rail (2) and/or on another additional rail (3, 4). At least one locking means includes a spring element (10, 20, 30, 40, 50, 60, 70, 80, 121) which can be made to engage with a profiled section (23, 34, 54, 64, 74, 86, 87, 90, 95, 100, 105, 110, 125) or recess (13, 43) located at a distance from a sliding surface (7) on a rail (2, 3, 4).

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3016/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM FOR MONITORING A SATELLITE CONSTELLATION OF A POSITIONING SYSTEM

(51) International classification :G01S1/00
(31) Priority Document No :0806162
(32) Priority Date :05/11/2008
(33) Name of priority country :France
(86) International Application No :PCT/FR09/052107
Filing Date :02/11/2009
(87) International Publication No :WO 2010/052414
A1
(61) Patent of Addition to Application Number:NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASTRIUM SAS
Address of Applicant :6 RUE LAURENT PICHAT, 75016
PARIS France
(72)**Name of Inventor :**
1)LAINE, ROBERT

(57) Abstract :

The invention relates to a monitoring system (1) which comprises at least one monitoring satellite (S2) placed in orbit (02) at a lower altitude than that of the satellite (S1) of the satellite constellation (2) so as to be capable to receiving the positioning signals emitted towards the Earth (T) by said satellites (S1) and which comprises a processing unit(11) intended for verifying the integrity of said received positioning signals, using position information that is separate from said signals for this purpose.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3009/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : (PYRROLIDIN-2-YL) PHENYL DERIVATIVES FOR USE IN THE TREATMENT OF PAIN

(51) International classification	:C07D401/10, A61K 31/4439, A61P25/02	(71)Name of Applicant : 1)N.V. ORGANON Address of Applicant :KLOOSTERSTRAAT 6, NL-5349 AB OSS Netherlands
(31) Priority Document No	:08168286.6	(72)Name of Inventor :
(32) Priority Date	:04/11/2008	1)GROVE, SIMON, JAMES, ANTHONY
(33) Name of priority country	:EPO	2)MISTRY, ASHVINKUMAR, DHIRUBHAI
(86) International Application No	:PCT/EP09/064490	3)PALIN, RONALD
Filing Date	:03/11/2009	4)MACLEAN, JOHN, KINNAIRD, FERGUSON
(87) International Publication No	:WO 2010/052198 A1	
(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 (pyrrolidin-2-yl)phenyl derivatives having the general Formula (1), wherein R2 is (C1-4)alkyl, halo(C1-4)alkyl, (C1)alkyloxy, or halo(C1)alkyloxy; R2 is H, (C1)alkyl, halo(C1-4)alkyl, (C1-4)alkyloxy, halo(C1)alkyloxy or halogen, R3 is H, (C)alkyl or halo(Cz)alkyl; R4 is H, (C1-4)alkyl or halo(C1)alkyl; R5 is H, (C)alkyl or halo(C1-4)alkyl; or R4 and R5, when bonded to the same carbon atom, can together with the carbon atom form a spiro(C36)cycloalkyl group, optionally substituted with halogen; R6 is H, (C1-4)alkyl, halo(C1)alkyl, (C1-4)alkyloxy, halo(C1-4)alkyloxy or halogen; or a pharmaceutically acceptable salt thereof, to pharmaceutical compositions comprising the same, as well as to the use of these (pyrrolidin-2-yl)phenyl derivatives for the treatment of pain, such as neuropathic pain or inflammatory pain

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3014/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ADSORPTION BLOCKER FOR AGGREGATES IN PLASTICIZER-CONTAINING BUILDING MATERIAL MIXTURES

(51) International classification :C04B24/28, C04B24/02
(31) Priority Document No :08166260.3
(32) Priority Date :09/10/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP09/063079
Filing Date :08/10/2009
(87) International Publication No :WO 2010/040796
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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1)INGRISCH, STEFAN

2)VIERLE, MARIO

3)TSELEBIDIS, ANDREAS

4)NEUER, KATJA

5)ALBRECHT, GERHARD

6)THALER, STEFAN

7)BAUER, MATHIAS

8)DORFLER, TANJA

(57) Abstract :

The invention relates to a building material mixture containing a) hydraulic binder, b) aggregate, c) copolymer suitable as plasticizer and d) adsorption blocker, the adsorption blocker having, as a base building block, a structural unit D-E-A arising from the reaction of the individual components D, E and A, with E represented by a compound having at least two reactive isocyanate groups, D represented by a hydrophobic compound having at least one group reactive towards isocyanates, A represented by a hydrophilic compound having at least one group reactive towards isocyanates.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A WHITE BOARD

(51) International classification	:B43L1/00
(31) Priority Document No	:2008905170
(32) Priority Date	:06/10/2008
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU09/001319
Filing Date	:05/10/2009
(87) International Publication No	:WO 2010/040172
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CLEARBOARD PTY LTD

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6160 Australia

(72)Name of Inventor :

1)KHOURY, EDWARD, JOSEPH

(57) Abstract :

A whiteboard (10) comprising a transparent panel (12) locatable in front of a surface (18) and a screening means (14).The screening means (14) is changeable between a first state in which the view through the transparent panel (12) is unobstructed and a second state in which the screening means (14) obstructs the view through the transparent panel (12)

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3019/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : WELLHEAD VALVE SYSTEM FOR ADJUSTING THE FLOW WITH INTEGRATED MULTIPHASE FLOW RATE MEASURING ABILITY

(51) International classification	:E21B33/03, E21B34/02, E21B43/12
(31) Priority Document No	:MI2008A 001770
(32) Priority Date	:07/10/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2009/007275
Filing Date	:05/10/2009
(87) International Publication No	:WO 2010/040544 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ROTA, VITTORIO

2)DI LULLO, ALBERTO, GIULIO

(57) Abstract :

The present invention refers to a wellhead valve system for adjusting the flow, for example, of hydrocarbon, comprising a hydraulic control valve (10) for opening the wellhead made up of a valve body (11) provided with a pipe (14,15) for the passage of a flow (F) of fluids, having an inlet opening (12) and an outlet opening (13), interposed between the inlet opening (12) and the outlet opening (13) being an adjustable orifice (16); an actuator (24) adapted to command the valve (10) to close and open, in which the actuator (24) operates on opening and closing means (20) of the adjustable orifice (16); and a position gauge (17) adapted to determine the degree of opening of the adjustable orifice (16), and is characterized in that the position gauge (17) is integral with the opening and closing means (20) of the adjustable orifice (16). Thanks to the accurate measurements carried out by the position gauge (17), it is possible to determine the gas/liquid monophasic and/or biphasic flow rate value accurately and instantly, based upon data measured by a plurality of fluid and/or flow parameters sensors (22, 23), comprising pressure sensors (22) and temperature sensors (23), preferably positioned integral with the valve body (11).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2968/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : INTERFACE FOR WIRELESS COMMUNICATION DEVICES

(51) International classification	:H04B1/40, H04B1/48
(31) Priority Document No	:12/260,346
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062327
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/053776 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HAIM M. WEISSMAN

(57) Abstract :

Apparatuses for providing wireless communication in a device are presented for use with a plurality of antennas including a receive antenna and a transmit antenna. The apparatuses may include a power amplifier arrangement in a transmit path coupled to the transmit antenna. The power amplifier arrangement may include, for example, at least two amplifiers that are arranged either in series with a filter coupled there between or at least two amplifiers that are arranged separately between a switch and a frequency domain multiplexer.

No. of Pages : 46 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3022/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOTION AND ORIENTATION SIMULATOR

(51) International classification	:G09B9/12, G09B 902
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP09/007174
Filing Date	:06/10/2009
(87) International Publication No	:WO 2010/040505 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :LAMPRECHTSHAUSENER-STRASSE 63, 5282 RANSHOFEN Austria

(72)Name of Inventor :

1)MAYRHOFER, MICHAEL

(57) Abstract :

The invention relates to a motion and orientation simulator with a cardanic suspension (4) for a cabin (5) that is carried by a heave carriage (3) that can be moved in a straight line in a carriage cage (2), characterized in that the carriage cage (2) is rotatable and that a cable drive is provided for the straight-line movement of the carriage (3) in the carriage cage (2).

No. of Pages : 27 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3023/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOUNTING MAT AND POLLUTION CONTROL DEVICE WITH THE SAME

(51) International classification	:D04H1/42, F01N 3/28
(31) Priority Document No	:61/110,700
(32) Priority Date	:03/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062193
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/062591
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.

(72)Name of Inventor :

1)DE ROVERE, ANNE, N.

2)LALOUCHE, LAHOUSSE

3)MERRY, RICHARD, P.

(57) Abstract :

Non-woven mat including basalt and amorphous refractory ceramic fibers, bio-soluble ceramic fibers, and/or heat-treated silica fibers. Embodiments of the nonwoven mat surprisingly have a Resiliency Value after three thermal cycles from 25°C to 700°C/400°C of the Real Condition Fixture Test at least 1.1 times greater than the Resiliency Value of a comparable non-woven mat consisting of any individual type of fibers of the non-woven mat. The non-woven mats are useful, for example, in pollution control devices and other thermal insulation applications.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3024/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND METHOD, AND IMAGE REPRODUCING APPARATUS, METHOD AND PROGRAM

(51) International classification	:H04N13/00, H04N 5/91
(31) Priority Document No	:2008-262818
(32) Priority Date	:09/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/005240
Filing Date	:08/10/2009
(87) International Publication No	:WO 2010/041450
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WATANABE, MIKIO
2)NAKAMURA, SATOSHI
3)YAHAGI, KOUICHI

(57) Abstract :

To make a three-dimensional image easily recognizable, in particular when three-dimensional images and two-dimensional images are stored in a mixed manner. Interpolation image generation unit (5) generates an interpolation image from original images (L1, R1) obtained by photographing a subject from different viewpoints. Motion picture generation unit (6) generates motion picture (DO) in which original images (L1, R1), and the interpolation image are arranged in the order of viewpoint. File generation unit (7) generates three-dimensional image file (F0) of original images (L1), (R1), motion picture file (M0) of the motion picture, and relational information file (R0) representing the relation between three-dimensional image file (F0) and motion picture file (M0), and records them on medium (10A) .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3025/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF BENDAMUSTINE

(51) International classification	:C07D235/16
(31) Priority Document No	:61/103,696
(32) Priority Date	:08/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/059765
Filing Date	:07/10/2009
(87) International Publication No	:WO 2010/042568
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHEN, JIAN

2)PRZYUSKI, KATRIN

3)ROEMMELE, RENEE, CAROLINE

(57) Abstract :

New methods for the preparation of bendamustine, and the pharmaceutical salts thereof, are described. Novel compounds useful for the preparation of bendamustine are also described.

No. of Pages : 47 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3026/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SECURITY DOCUMENT AND METHODS OF PRODUCING IT

(51) International classification :B42D15/10
(31) Priority Document No :
(32) Priority Date :04/11/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP09/063483
Filing Date :15/10/2009
(87) International Publication No :WO 2010/052106
A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)UYTTENDAELE, CARLO

(57) Abstract :

A security document having in order a) a first laser markable layer, present as a self-supporting layer or as a layer on a support; b) at least one polymeric overlay; and c) a second laser markable layer; wherein the second laser markable layer exhibits a higher laser sensitivity than a non-laser marked area of the first laser markable layer but produces a smaller maximum optical density or a smaller gloss on laser marking. Methods for manufacturing the security document are also disclosed.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3013/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIGITAL BROADCAST RECEIVER AND RECEPTION METHOD

(51) International classification	:H04N7/173, H04N 7/173, H04N 7/24
(31) Priority Document No	:2008-260738
(32) Priority Date	:07/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/067347
Filing Date	:05/10/2008
(87) International Publication No	:WO 2010/041628 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WATANABE, RYUHSUKE

2)SHIMIZU, TOSHINORI

3)YAMADA, HAJIME

(57) Abstract :

If there is a service provider for which basic registration has already been performed, the processing proceeds to step S15 to determine whether there is an IP broadcast service or not. If no IP broadcast service is provided, the processing proceeds to step S17 to determine whether there is another service provider for which the basic registration has already been performed. If no other service provider for which the basic registration has already been performed is found in this determination, a transition is made to a portal site of the service provider for which the basic registration has already been performed. If it is determined that an IP broadcast service is provided in step S15, the processing proceeds to step S16 to perform a caution display. In the caution display, a display is made to prompt acquisition of channel information. In the case of acquiring channel information, an indication informing the user is displayed so that the channel information can be acquired at this phase. Thereby, when IP broadcasting is selected, the receiver determines whether there is a broadcast viewable with the receiver and changes a screen after transition, thus enabling the user to perform an operation without any confusion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3039/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : 'ATTACHMENT STRUCTURE OF CLIP AND MOUNTING-SUBJECT MEMBER'

(51) International classification	:F16B19/00, F16B19/10, F16B5/10	(71)Name of Applicant : 1)PIOLAX INC.
(31) Priority Document No	:2008-284269	Address of Applicant :51 IWAI-CHO, HODOGAYA-KU, YOKOHAMA-SHI, KANAGAWA 240-0023 Japan
(32) Priority Date	:05/11/2008	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)INOUE, MASATOSHI
(86) International Application No	:PCT/JP09/064019	
Filing Date	:07/08/2009	
(87) International Publication No	:WO 2010/052960	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An attachment structure of a clip and a mounting-subject member is provided which enables the clip to easily be attached to the mounting-subject member and which can prevent the dislodgement of the clip from the mounting-subject member in the attached state. This attachment structure is intended to attach a clip 10 including a flange portion 12 and locking legs 13 and a mounting-subject member 30 together. The mounting-subject member 30 includes an insertion hole 35 having an insertion position 36 where the locking legs 13 is insertable and a fixing position 37 where the locking legs 13 is movable and the locking legs 13 are held at a certain location, fastening pieces 45 which are disposed above a front surface of the flange portion 12 so as to restrict the movement of the locking legs 13 in a dislodgement direction, and a unidirectional-movement-prevention unit which permits the insertion of the locking legs 13 from the insertion position 36 of the insertion hole 35 and restricts the moving back of the locking legs 13 towards the insertion position 36 when the locking legs 13 move to the fixing position 37.

No. of Pages : 48 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3042/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL TREATMENT OF PEDIATRIC ACUTE LYMPHOBLASTIC LEUKEMIA

(51) International classification	:C07K16/28, C07K16/46	(71)Name of Applicant : 1)MICROMET AG
(31) Priority Document No	:61/112,323	Address of Applicant :STAFFELSEESTR. 2, 81477, MUNCHEN Germany
(32) Priority Date	:07/11/2008	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)ZUGMAIER, GERHARD
(86) International Application No	:PCT/EP09/007969	
Filing Date	:06/11/2009	
(87) International Publication No	:WO 2010/052013 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for the treatment, amelioration or elimination of pediatric acute lymphoblastic leukemia (ALL), the method comprising the administration of a pharmaceutical composition comprising a CD19xCD3 bispecific single chain antibody construct to a pediatric ALL patient in the need thereof.

No. of Pages : 73 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3043/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : VETERINARY ANTIPROLACTINIC COMPOSITION FOR RUMINANTS

(51) International classification :A61K31/473,
A61K 31/48
(31) Priority Document No :0805544
(32) Priority Date :07/10/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP09/063004
Filing Date :07/10/2009
(87) International Publication No :WO 2010/040765
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)LAGARDE, ANOUCK
2)FLOCH, STEPHANE
3)BERTAIM, THIERRY

(57) Abstract :

This present invention relates to an antiprolactinic veterinary composition to be administered to ruminants. Said composition comprises at least one antiprolactinic compound which is an agonist of dopamine receptors, and is particularly useful for promoting a substantial reduction of lactation, mammary involution, and for treating and/or intra-mammary diseases or infections of ruminants.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3017/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS FOR PREPARING OXAZOLIDINONES AND COMPOSITIONS CONTAINING THEM

(51) International classification	:C07D403/810, C07F 3/06, C07F5/02
(31) Priority Document No	:61/104,469
(32) Priority Date	:10/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/060267
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/042887 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)DUGUID, ROBERT, J.

4)PHILLIPSON, DOUGLAS

(57) Abstract :

Methods of preparing a class of oxazolidinones useful to impede bacterial growth are disclosed.

No. of Pages : 36 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3018/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITION AND METHOD FOR TREATING DRY EYE SYNDROME

(51) International classification	:A61K31/355, A61P 27/04
(31) Priority Document No	:61/104,110
(32) Priority Date	:09/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/060200
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/042843 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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PARK, CALIFORNIA 94025 U.S.A.

(72)Name of Inventor :

1)WONG, VERNON

2)WOOD, LOUIS, L.

(57) Abstract :

The present invention provides for compositions, medicaments, and methods for treating or alleviating the symptoms of dry eye syndrome or chronic dry eye. More specifically, the present embodiments provide for medicaments consisting of tocopherol or tocotrienol eyedrops. A single topical administration of tocopherol or tocotrienol eyedrops in the eyes of a subject suffering from dry eye alleviates symptoms for at least one day. In particular, the eyedrop medicament consists of α -tocopheryl acetate; α -tocopheryl acetate and about 0.5% aqueous component; or α -tocopheryl acetate, about 2.5% tocopherol emulsifier, and about 20% to about 30% aqueous excipient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3040/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AQUEOUS HYBRID DISPERSIONS

(51) International classification	:C08F283/00, C08F 2/24, C08F 289/00	(71)Name of Applicant : 1)NUPLEX RESINS B.V. Address of Applicant :SYNTHESEBAAN 1, NL-4612 RB BERGEN OP ZOOM Netherlands
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(32) Priority Date	:09/10/2008	1)MESTACH, DIRK, EMIEL, PAULA
(33) Name of priority country	:U.S.A.	2)PILASZEK, WICENTLY, LAMBERTUS, STANISLAW
(86) International Application No	:PCT/EP09/063219	
Filing Date	:09/10/2009	
(87) International Publication No	:WO 2010/040844 A1	
(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 process for the preparation of an aqueous hybrid polymer dispersion comprising an auto-oxidatively crosslinkable polymer and an addition polymer. The invention further relates to the aqueous hybrid polymer dispersion obtainable by said process, the use thereof for the manufacture of coating compositions, ink compositions or adhesives and to coating compositions comprising the hybrid polymer dispersion as a binder. The process comprises a first polymerization step wherein a first hybrid polymer dispersion is formed by addition polymerization of vinyl monomers in the presence of dispersed auto-oxidatively crosslinkable polymer and a second polymerization step wherein secondary polymerization loci are provided in the first hybrid polymer dispersion to polymerise residual vinyl monomer of the first polymerisation step. The aqueous hybrid polymer dispersions have very low residual vinyl monomer content by achieving a high if not full conversion of the vinyl monomers at the end of the polymerization.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3041/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL TREATMENT OF ACUTE LYMPHOBLASTIC LEUKEMIA

(51) International classification	:C07K16/28, C07K16/46	(71)Name of Applicant : 1)MICROMET AG
(31) Priority Document No	:61/112,323	Address of Applicant :STAFFELSEESTR. 2, 81477, MUNCHEN Germany
(32) Priority Date	:07/11/2008	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)ZUGMAIER, GERHARD
(86) International Application No	:PCT/EP09/007970	2)DEGENHARD, EVELYN
Filing Date	:06/11/2009	
(87) International Publication No	:WO 2010/052014 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for the treatment, amelioration or elimination of acute lymphoblastic leukemia (ALL), the method comprising the administration of a pharmaceutical composition comprising a CD19xCD3 bispecific single chain antibody construct to an adult patient in the need thereof.

No. of Pages : 61 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3046/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SIZE DEPENDENT MARKER CODES

(51) International classification	:G07D7/20, C09K 11/06, C09K 11/08
(31) Priority Document No	:12/337,752
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/006488
Filing Date	:10/12/2009
(87) International Publication No	:WO 2010/071673 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)ERWIN LUDWIG ALLMANN

(57) Abstract :

A security marker material comprising emissive particles and the emissive particles can be grouped into at least two groups with different size distributions and the size distributions satisfy the formula: $[(x-z)^2/(S_x^2 + S_z^2)]^{1/2} > 1$ wherein x and z are the volume-weighted mean equivalent-spherical diameters of the two particle distributions and S_x and S_z are the standard deviations of the same two distributions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3047/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : WIRELESS POWER AND DATA TRANSFER FOR ELECTRONIC DEVICES

(51) International classification :H02J5/00, H02J 7/02
(31) Priority Document No :61/114,436
(32) Priority Date :13/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/068580
Filing Date :17/12/2009
(87) International Publication No :WO 2010/057224 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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12)LUKAS SIEBER

13)HANSPETER WIDMER

(57) Abstract :

Exemplary embodiments are directed to wireless power. A wireless charging device may comprise a charging region configured for placement of one or more chargeable devices. The charging device may further include at least one transmit antenna configured for transmitting wireless power within the charging region. Furthermore, the charging device is configured to exchange data between at least one chargeable device of the one or more chargeable devices.

No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3020/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRAY FOR IMAGE READING DEVICE

(51) International classification

:G01N21/85

(31) Priority Document No

:2008-262366

(32) Priority Date

:09/10/2008

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP09/005064

Filing Date

:01/10/2009

(87) International Publication No

:WO 2010/041388

A1

(61) Patent of Addition to Application Number :NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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6)ZHENG, JUN

(57) Abstract :

A tray for granular materials allows, with the use of an image reading device such as a scanner, the dimensions in the three-axis directions, that is, the length, width, and thickness, of the granular materials to be measured inexpensively and easily. A tray used to place granular materials on a reading surface of an image reading device has provided thereto a transparent bottom plate, a background vertically upstanding relative to the bottom plate, and reflective elements arranged at predetermined intervals parallel to the background. In order to enable an imaging means of the image reading device to receive a side view image of the granular materials in the thickness direction thereof with the granular materials placed on the bottom plate of the tray, the tray is provided with a technical means for bending and guiding, by the reflective elements, light from the granular materials in the thickness direction thereof to the direction of the optical axis of the imaging means.

No. of Pages : 46 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3050/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSMISSION WITH HOPPING FOR PEER-TO PEER COMMUNICATION

(51) International classification :H04W72/02, H04B
1/713
(31) Priority Document No :12/264,661
(32) Priority Date :04/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/061260
Filing Date :20/10/2009
(87) International Publication No :WO 2010/053686 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)YING WANG
5)ALEKSANDAR JOVICIC

(57) Abstract :

Techniques for transmitting signals using time hopping or time and frequency hopping are described. In one design, a terminal selects different slots to use for transmission in multiple frames with time hopping. Each frame includes multiple slots, and each slot covers a particular time duration. The selected slots are at different time locations in the multiple frames. In another design, a terminal selects different resource units to use for transmission in multiple frames with time and frequency hopping. The selected resource units are at different time and frequency locations in the multiple frames. For both designs, the terminal sends a signal (e.g., a peer discovery signal) in the selected slots or resource units in the multiple frames. The terminal may detect for signals (e.g., peer discovery signals) from other terminals in slots not used for transmission by the terminal.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3051/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : GALVANNEALED STEEL SHEET AND PRODUCTION METHOD THEREOF

(51) International classification :C23C2/06, C21D
9/46, C22C 38/00
(31) Priority Document No :2008-285705
(32) Priority Date :06/11/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/068780
Filing Date :02/11/2009
(87) International Publication No :WO 2010/053074
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)NANBA, SHIGENOBU

4)MIYAKE, YOSHIHIRO

(57) Abstract :

Disclosed is a galvanized steel sheet having an excellent surface appearance, wherein plating failure and non-uniform alloying are suppressed. Also disclosed is a method for producing such a galvanized steel sheet. The galvanized steel sheet is obtained by hot-dip galvanizing a base steel, and then alloying the plating layer. The base steel is obtained by hot rolling a steel which contains 0.02-0.25 mass% of C, 0.5-3 mass% of Si, 1-4 mass% of Mn, 0.03-1 mass% of Cr, not more than 1.5 mass% of Al (excluding 0 mass%), not more than 0.03 mass% of P (excluding 0 mass%), not more than 0.03 mass% of S (excluding 0 mass%) and 0.003-1 mass% Ti, and additionally contains 0.25-5.0 mass% of Cu and 0.05-1.0 mass% of Ni, while satisfying formula (1), with the balance being made up of iron and unavoidable impurities. $[Cu] / [Ni] \geq 5$ In formula (1), $[\]$ represents the content (mass%) of each element.

No. of Pages : 74 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3054/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : FIELD REMOVABLE BONNET ASSEMBLIES FOR USE WITH VALVES

(51) International classification	:F16K41/04, F16K39/02
(31) Priority Document No	:12/247,854
(32) Priority Date	:08/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/054628
Filing Date	:21/08/2009
(87) International Publication No	:WO 2010/042278 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LI, CHUN
2)HANUSA, MATTHEW, W.
3)PELFREY, ROY, RONALD
4)MILLER, ERIC, ALAN

(57) Abstract :

Field removable bonnet assemblies for use with valves are described herein. An example field removable bonnet assembly for use with internal valves includes a body (208) that is to be removably coupled to the internal valve. The body defines a bore that is to receive a valve packing (220). Additionally, the field removable bonnet assembly includes a shaft (210) having a cam assembly (212) that is to rotatably engage a stem of the internal valve. The shaft is rotatably coupled to the body and the shaft is at least partially positioned within the bore. Further, the field removable bonnet assembly includes a removable adjuster (222) that is externally accessible to enable an adjustment of the removable adjuster relative to the body to change a force exerted by the valve packing on the shaft. The removable adjuster is field removable to replace or repair the valve packing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3049/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSMIT POWER CONTROL BASED ON RECEIVER GAIN SETTING IN A WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04W52/04, H04W52/52
(31) Priority Document No	:12/264,679
(32) Priority Date	:04/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061283
Filing Date	:20/10/2009
(87) International Publication No	:WO 2010/053688 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)JUNYI LI

2)YING WANG

3)ALEKSANDAR JOVICIC

(57) Abstract :

Techniques for performing transmit power control based on receiver gain setting in a wireless communication network are described. In an aspect, a terminal A may estimate pathloss to another terminal B, e.g., based on a peer discovery signal received from terminal B. Terminal A may then determine a transmit power level for a peer-to-peer (PTP) signal (e.g., a paging signal) based on the estimated pathloss, a receiver gain setting at terminal B, and a target received power level for the PTP signal. Terminal A may send the PTP signal at the determined transmit power level to terminal B. In another aspect, terminal B may use different receiver gain settings in different time intervals to receive PTP signals from other terminals. Terminal A may then select a suitable time interval to send the PTP signal based on the pathloss and the different receiver gain settings used by terminal B.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3057/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR INSTALLING AN OPERATING RIG FOR A FLUID IN A BODY OF WATER WITH A TRACTION UNIT

(51) International classification	:F16L1/15, E21B 17/01, E21B 43/013
(31) Priority Document No	:08 57521
(32) Priority Date	:05/11/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR09/052124
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/052423 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)REMERY, JEROEN

2)VIVET, ROMAIN

3)DEFRESLON, CHRISTOPHE

4)LUPPI, ANGE

(57) Abstract :

This method comprises connecting a downstream point (40) of a pipe (24) to a buoy (26) and completely submerging the buoy (26). It comprises deploying in the body of water (12) an intermediate section (30) of the pipe (24) from the downstream point (40) to at least as far as an upstream point (38), anchoring the upstream point (38), and tensioning the intermediate section (30) to keep it vertical. The connecting step includes activating a traction unit (96) to raise the downstream point (40) on the buoy (26). During the connecting step, the buoy (26) is carried in the body of water (12) virtually exclusively by its own floatability.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3058/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYNUCLEOTIDES AND POLYPEPTIDES INVOLVED IN PLANT FIBER DEVELOPMENT AND METHODS OF USING SAME

(51) International classification	:C12N15/29, C12N15/11
(31) Priority Document No	:60/578,833
(32) Priority Date	:14/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2005/00627
Filing Date	:14/07/2005
(87) International Publication No	:WO/2005/121364
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:158/CHENP/2007
Filed on	:14/06/2005

(71)Name of Applicant :

1)EVOGENE LTD.

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(72)Name of Inventor :

1)RONEN, GIL

2)GOLD, EVGENIA

3)YELIN, RODRIGO

4)MEISSNER, RAFAEL

5)KARCHI, HAGAI

6)AYAL, SHARON

(57) Abstract :

The present invention relates to an isolated polynucleotide comprising a nucleic acid sequence encoding a polypeptide having an amino acid sequence at least 80 % homologous to SEQ ID NO: 112, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 122, 123, 124, 125, 126, 95, 96, 121, or 26, wherein said polypeptide is capable of regulating cotton fiber development.

No. of Pages : 145 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3059/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYNUCLEOTIDES AND POLYPEPTIDES INVOLVED IN PLANT FIBER DEVELOPMENT AND METHODS OF USING SAME

(51) International classification	:C12N15/29, C12N 15/11
(31) Priority Document No	:60/578,833
(32) Priority Date	:14/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL05/00627
Filing Date	:14/06/2005
(87) International Publication No	:WO 2005/121364
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:158/CHENP/2007
Filed on	:14/06/2005

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1)RONEN, GIL

2)GOLD, EVGENIA

3)YELIN, RODRIGO

4)MEISSNER, RAFAEL

5)KARCHI, HAGAI

6)AYAL, SHARON

(57) Abstract :

The present invention relates to an isolated polynucleotide comprising a nucleic acid sequence encoding a polypeptide having an amino acid sequence at least 80 % homologous to SEQ ID NO: 113, 106, 107, 108, 109, 110, 111, 112, 114, 115, 116, 117, 118, 119, 120, 122, 123, 124, 125, 126, 95, 96, 121, or 26, wherein said polypeptide is capable of regulating cotton fiber development.

No. of Pages : 145 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3060/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYNUCLEOTIDES AND POLYPEPTIDES INVOLVED IN PLANT FIBER DEVELOPMENT AND METHODS OF USING SAME

(51) International classification	:C12N15/29, C12N15/11	(71)Name of Applicant : 1)EVOGENE LTD.
(31) Priority Document No	:60/578,833	Address of Applicant :13 GAD FINSTEIN STREET, 76121
(32) Priority Date	:14/06/2004	REHOVOT, Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/IL2005/00627	1)RONEN, GIL
Filing Date	:14/06/2005	2)GOLD, EVGENIA
(87) International Publication No	:WO/2005/121364	3)YELIN, RODRIGO
(61) Patent of Addition to Application Number	:NA	4)MEISSNER, RAFAEL
Filing Date	:NA	5)KARCHI, HAGAI
(62) Divisional to Application Number	:158/CHENP/2007	6)AYAL, SHARON
Filed on	:14/06/2005	

(57) Abstract :

The present invention relates to an isolated polynucleotide comprising a nucleic acid sequence encoding a polypeptide having an amino acid sequence at least 80 % homologous to SEQ ID NO: 117, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 118, 119, 120, 122, 123, 124, 125, 126, 95, 96, 121, or 26, wherein said polypeptide is capable of regulating cotton fiber development.

No. of Pages : 145 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3055/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TOOL FOR APPLYING TORQUE

(51) International classification	:B25B13/14, B25B 13/00, B25B 13/08	(71)Name of Applicant : 1)GROLMAN, BENYAMIN
(31) Priority Document No	:0802350-9	Address of Applicant :LOGGVAGEN 16L, SE-865 32 ALNO
(32) Priority Date	:05/11/2008	Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE09/000485	1)GROLMAN, BENYAMIN
Filing Date	:03/11/2009	
(87) International Publication No	:WO 2010/053420	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention regards a tool (1) for applying torque to an maneuvered object, such as for example for a screw head or nut, including at least a first jaw (4) and at least a second jaw(5) where the first jaw (4) and the second jaw (5) are connected to at least one lever(arm) (2). What is unique with the tool is that at least one of the jaws(4,5) includes at least one recess (7) with a first contact surface(8) and a second contact surface (9) of which at least one of the contact surface (8) and (9) is arch-shaped.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3056/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM AND METHOD FOR ACTIVATING CARBONACEOUS MATERIAL

(51) International classification :C01B31/08
(31) Priority Document No :12/246,007
(32) Priority Date :06/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/058150
Filing Date :24/09/2009
(87) International Publication No :WO 2010/042321
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :SUITE 1, 356 HOMER STREET,
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(72)Name of Inventor :
1)HARRIS, RANDALL J.
2)WALES, DAMIAN

(57) Abstract :

A system for activating carbonaceous material including a carbonaceous material feedstock unit for producing a carbonaceous material of less than 5% mineral content; a digestion unit in communication with the carbonaceous material feed-stock unit; an acid feedstock unit in communication with the digestion unit for providing an acid mixture solution; a separation unit in communication with the digestion unit for separating the digested carbonaceous material from the acid mixture solution; a dryer unit in communication with the separation unit for drying the digested carbonaceous material and separating the carbonaceous material; and a thermal unit for activating the carbonaceous material to produce activated carbonaceous material, the thermal unit having an inlet for receiving the carbonaceous material from the dryer unit and an outlet for exiting the activated carbonaceous material from thermal unit.

No. of Pages : 45 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3065/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : OPTICAL INFORMATION RECORDING MEDIUM, METHOD OF RECORDING INFORMATION AND PHOTSENSITIZER

(51) International classification	:B41M5/26, G11B 7/24, G11B 7/244	(71)Name of Applicant : 1)FUJIFILM CORPORATION Address of Applicant :26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-0031 Japan
(31) Priority Document No	:2008-264480	
(32) Priority Date	:10/10/2008	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP09/005295	1)FUJIMOTO, TAISUKE
Filing Date	:09/10/2009	2)WATANABE, KOUSUKE
(87) International Publication No	:WO 2010/041470	3)HASHIZUME, TARO
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aspect of the present invention relates to an optical information recording medium comprising a recording layer, wherein the recording layer comprises a cationic dye and a polynuclear azo metal complex dye comprising an azo dye and a metal ion, and a method of recording information comprising recording information on the recording layer comprised in the optical recording medium, and conducting the recording by irradiation of a laser beam having a wavelength of equal to or shorter than 440 nm onto the optical information recording medium. Another aspect of the present invention relates to a photosensitizer.

No. of Pages : 100 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3072/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : LIQUID PHARMACEUTICAL FORMULATION CONTAINING PARACETAMOL

(51) International classification :A61K9/00,
A61K31/167
(31) Priority Document No :08425654.4
(32) Priority Date :09/10/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP09/062501
Filing Date :28/09/2009
(87) International Publication No :WO 2010/040652
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AZIENDE CHIMICHE RIUNITE ANGELINI
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(72)Name of Inventor :
1)MARIOTTI, FRANCESCA
2)SCARPETTI, PAOLO
3)RAGNI, LORELLA
4)VALENTI, MAURO

(57) Abstract :

The present invention relates to a sugar-free liquid pharmaceutical formulation comprising an aqueous solution of paracetamol, a solubilizing agent containing polyethylene glycol, a thickening agent containing xanthan gum, and a sweetening system containing sucralose and a mixture of polyols containing glycerol, sorbitol and xylitol in a total amount between approx. 15% and 35% w/v relative to the total volume of said pharmaceutical formulation.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3074/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS USING SAME BASE STATION CARRIER HANDOFF FOR MULTICARRIER SUPPORT

(51) International classification	:H04W36/00, H04L27/26
(31) Priority Document No	:61/115,015
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064323
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/056949 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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(72)Name of Inventor :

1)MIGUEL GRIOT

2)AYMAN FAWZY NAGUIB

(57) Abstract :

Certain embodiments of the present disclosure provide a method for switching radio frequency (RF) carriers that serve communication between a base station (BS) and a mobile station (MS). The switching of carriers can be viewed as a handoff procedure between two different RF carriers within the same BS. A simplified handoff procedure for switching of RF carriers can be applied when the MS switches its physical connection from a primary RF carrier to a secondary RF carrier, as well as in the case when the BS decides to move the MS from one primary RF carrier to another primary RF carrier.

No. of Pages : 33 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3048/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MIXER ARCHITECTURES

(51) International classification	:H03D7/14
(31) Priority Document No	:61/109,771
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062867
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/062702 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HIMANSHU KHATRI

2)LI LIU

(57) Abstract :

Techniques for designing a single-balanced mixer coupled to a dummy portion with a dummy load to improve noise rejection. In an aspect, a single-ended signal (RF) from a stage preceding the mixer, e.g., a low-noise amplifier (LNA), is coupled to the input of the single-balanced mixer to be mixed with a local oscillator (LO) signal. A dummy portion replicating the topology of the single-balanced mixer is coupled to the single-balanced mixer to improve noise rejection, with the LO signal also provided to the dummy portion. The input of the dummy portion may be coupled, e.g., to a dummy load, which is designed to replicate the loading characteristics of the preceding stage, e.g., the LNA.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3078/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : AMINOTETRAHYDROPYRANS AS DIPEPTIDYL PEPTIDASE-IV INHIBITORS FOR THE TREATMENT OR PREVENTION OF DIABETES

(51) International classification	:C07D487/04, A61K31/4162, A61P 3/10	(71)Name of Applicant : 1)MERCK SHARP & DOHME CORP. Address of Applicant :126 EAST LINCOLN AVENUE, RAHWAY, NJ 07065-0907 U.S.A.
(31) Priority Document No	:61/199,179	(72)Name of Inventor :
(32) Priority Date	:13/11/2008	1)BIFTU, TEFAYE
(33) Name of priority country	:U.S.A.	2)CHEN, PING
(86) International Application No	:PCT/US2009/063976	3)COX, JASON, M.
Filing Date	:11/11/2009	4)WEBER, ANN, E.
(87) International Publication No	:WO 2010/056708 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to novel substituted aminotetrahydropyrans of structural formula I which are inhibitors of the dipeptidyl peptidase-IV enzyme and which are useful in the treatment or prevention of diseases in which the dipeptidyl peptidase-IV enzyme is involved, such as diabetes and particularly Type 2 diabetes. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which the dipeptidyl peptidase-IV enzyme is involved.

No. of Pages : 70 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3079/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESSES AND COMPOSITIONS FOR LIPOSOMAL AND EFFICIENT DELIVERY OF GENE SILENCING THERAPEUTICS

(51) International classification	:A61K9/127, A61K48/00, C12N15/11
(31) Priority Document No	:61/106,062
(32) Priority Date	:16/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/060930
Filing Date	:16/10/2009
(87) International Publication No	:WO 2010/045512 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)POLISKY, BARRY, A.

2)ADAMI, ROGER, C.

3)TEMPLIN, MICHAEL, V.

4)HARVIE, PIERROT

5)JOHNS, RACHEL, E.

6)GIYANANI, JAYA, S.

7)HOUSTON, MICHAEL, E.

(57) Abstract :

Processes and compositions for liposomal delivery of therapeutics prepared by contacting an aqueous solution of an active agent with a solution of liposome-forming components containing one or more DILA2 amino acid compounds or lipids in organic solvent to form an impinging stream. A protocol including flow rates, pH, and an incubation period are used to control formation of liposomal components for therapeutic applications. The impinging stream may be collected and incubated to prepare a liposomal formulation which encapsulates the active agent. The composition can be quenched with buffer and filtered by tangential flow and diafiltration and other means for finishing as a pharmaceutical composition. An efficiency for delivering a drug cargo is provided. Compositions can include a liposome containing one or more carrier particles, each carrier particle having an active agent and a peptide, wherein the ratio of the mass of the peptide plus the mass of the liposome to the mass of the active agent is less than about 15.

No. of Pages : 277 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3080/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

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

(51) International classification :C07D313/00
(31) Priority Document No :61/168,011
(32) Priority Date :09/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP09/064486
Filing Date :03/11/2009
(87) International Publication No :WO 2010/115478
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71) **Name of Applicant :**
1)INTERVET INTERNATIONAL B.V.
Address of Applicant :WIM DE KORVERSTRAAT 35, NL-
5831 AN BOXMEER Netherlands
(72) **Name of Inventor :**
1)BETHELL, JOHN, RICHARD
2)REID, GARY, ROBERT
3)AFFLECK, KRISTA, MARIE
4)BREINING, TIBOR

(57) Abstract :

This invention is directed generally to a process for producing Zeranol that eliminates high pressure and high temperature hydrogenations and provides high selectivity for Zeranol at improved yields.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3081/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYLACTIC ACID COMPOSITION AND MOLDED ARTICLE THEREOF

(51) International classification	:C08L67/04, C08K3/00, C08K5/00
(31) Priority Document No	:2008-284274
(32) Priority Date	:05/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/069022
Filing Date	:02/11/2009
(87) International Publication No	:WO 2010/053167 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)TELJIN LIMITED

(72)Name of Inventor :

1)MATSUNO, YUICHI

2)MITSUNAGA, MASAKI

3)ODA, JITSUO

4)DOTEUCHI, MITSURU

5)SHIBATA, YOSHITAKA

6)TOYOHARA, KIYOTSUNA

7)IWAI, MASAHIRO

8)KITAMURA, TAKURO

(57) Abstract :

A composition comprising polylactic acid and having excellent heat stability, especially moist heat stability, and a molded article thereof. The composition comprises 100 parts by weight of a resin component (component A) which is composed of 5 to 100 wt% of polylactic acid (component A- α) and 95 to 0 wt% of a thermoplastic resin (component A- β), 0.001 to 5 parts by weight of a phosphono-fatty acid ester (component B), 0.01 to 5 parts by weight of a phosphate metal salt (component C), 0.001 to 2 parts by weight of at least one antioxidant (component D) selected from the group consisting of a phosphite-based compound, a phosphonite-based compound, a hindered phenol-based compound and a thioether-based compound, and 0.001 to 10 parts by weight of an end-sealing agent (component E).

No. of Pages : 145 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3062/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : YTTERBIUM-DOPED OPTICAL FIBER

(51) International classification	:H01S3/06
(31) Priority Document No	:2008-283165
(32) Priority Date	:04/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/005862
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/052907
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FUJIKURA LTD.

Address of Applicant :5-1, KIBA 1-CHOME, KOHTOH-KU,
TOKYO 135-8512 Japan

(72)Name of Inventor :

1)KENTARO ICHII

2)SHOJI TANIGAWA

3)TOMOFUMI ARAI

(57) Abstract :

An ytterbium-doped optical fiber including a core containing at least ytterbium, aluminum and phosphorous and a clad surrounding the core, wherein a molar concentration of diphosphorus pentoxide with respect to phosphorus in the core is equal to a molar concentration of aluminum oxide with respect to aluminum in the core, wherein a ratio of a molar concentration of diphosphorus pentoxide with respect to phosphorus in the core to the molar concentration of ytterbium oxide with respect to ytterbium in the core is higher than or equal to 10 and lower than or equal to 30, and wherein a relative refractive index difference between the core and the clad is higher than or equal to 0.05% and lower than or equal to 0.30%.

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3063/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIOLOGICALLY ACTIVE AMIDES

(51) International classification	:C07D401/12, A61K 31/4427, A61P3/00	(71)Name of Applicant : 1)H. LUNDBECK A/S Address of Applicant :9, OTTILIAVEJ, DK-2500 VALBY- COPENHAGEN Denmark
(31) Priority Document No	:61/112,333	(72)Name of Inventor :
(32) Priority Date	:07/11/2008	1)PETERSON, JOHN MATTHEW
(33) Name of priority country	:U.S.A.	2)CHEN, CHIEN-AN
(86) International Application No	:PCT/US09/062956	3)CHEN, BIN
Filing Date	:02/11/2009	4)WU, LINGYUN
(87) International Publication No	:WO 2010/053861 A3	5)SABIO, MICHAEL LLOYD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to biologically active amides which are ligands at the NPY Y5 receptor. The invention further provides a pharmaceutical composition comprising a therapeutically effective amount of a compound of the invention and a pharmaceutically acceptable carrier. This invention also provides a method of treating a subject suffering from certain disorders which comprises administering to the subject an amount of a compound of the subject invention. Furthermore, this invention also provides uses of a compound of the invention for the manufacture of a medicament for treating a subject suffering from certain disorders.

No. of Pages : 85 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3064/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : FINE-GRAINED FILLER SUBSTANCES FOR PHOTOMETRIC REACTION FILMS

(51) International classification :G01N33/52, B01L
3/00, G01N 21/86
(31) Priority Document No :08168666.9
(32) Priority Date :07/11/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP09/064757
Filing Date :06/11/2009
(87) International Publication No :WO 2010/052306
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)LEHR, URSULA
3)ZIMMER, VOLKER
4)PETRICH, WOLFGANG
5)BEDON-GOMEZ, LUIS DAVID
6)KNAPPE, WOLFGANG-REINHOLD

(57) Abstract :

There is proposed a diagnostic test element (110) for detecting an analyte in a sample (126) of a body fluid, more particularly in whole blood. The diagnostic test element (110) comprises at least one test field (116) having at least one detection reagent, wherein the detection reagent is set up to pass through at least one detectable change in the presence of the analyte, more particularly an optical change. The test field (116) has at least one detection layer (118) which comprises the detection reagent and which comprises particles (137). At least 90% of all particles (137) of the detection layer (118) have an actual particle size of less than 10 micrometers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3083/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : OXAZOLIDINYL ANTIBIOTICS

(51) International classification	:C07D413/14, A61K31/4709, A61K31/498	(71)Name of Applicant : 1)ACTELION PHARMACEUTICALS LTD. Address of Applicant :GEWERBESTRASSE 16, CH-4123 ALLSCHWIL Switzerland
(31) Priority Document No	:PCT/IB2008/054175	(72)Name of Inventor :
(32) Priority Date	:10/10/2008	1)HUBSCHWERLEN, CHRISTIAN
(33) Name of priority country	:PCT	2)RUEEDI, GEORG
(86) International Application No	:PCT/IB2009/054433	3)SURIVET, JEAN-PHILIPPE
Filing Date	:09/10/2009	4)ZUMBRUNN ACKLIN, CORNELIA
(87) International Publication No	:WO 2010/041218 A3	
(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 antibacterial compounds of formula I wherein R1 is alkoxy or halogen; U and V each independently are CH or N; is a bond or is absent; W is CH or N or, when is absent, W is CH2 or NH, with the proviso that U, V and W are not all N; A is a bond or CH2; R2 is H or, provided A is CH2, may also be OH; m and n each independently are 0 or 1; D is CH2 or a bond; G represents a phenyl group substituted once or twice in the meta and/or para position(s) by substituents selected from alkyl, (C1-C3)alkoxy and halogen, or G is a group G1 or G2 wherein Z1, Z2 and Z3 may each represent CH or N; X is N or CH and Q is O or S; it being understood that if m and n each are 0, then A is CH2; and salts of such compounds.

No. of Pages : 66 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3084/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR FLUXLESS BRAZING OF ALUMINIUM AND BRAZING SHEET FOR USE THEREIN

(51) International classification	:B23B15/01, B23K35/02, B23K35/28
(31) Priority Document No	:08168713.9
(32) Priority Date	:10/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/064586
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/052231 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALERIS ALUMINUM KOBLENZ GMBH

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(72)Name of Inventor :

1)WITTEBROOD, ADRIANUS, JACOBUS

(57) Abstract :

The invention relates to a process for controlled atmosphere brazing comprising, brazing an aluminium alloy without flux in a controlled atmosphere, while using brazing sheet comprising of an aluminium alloy core upon which on at least one side a layer of filler alloy is clad, the filler clad layer having an inner-surface and an outer- surface, the inner-surface is facing the core and the outer-surface is devoid of any further metallic based layers, and wherein the filler alloy has a composition which is Na-free, Li-free, K-free, and Ca-free, and comprising, in wt. %: Si 3% to 15%, Mg 0.05% to 0.5%, one or more elements selected from the group consisting of: (Bi 0.03% to 0.2%, Pb 0.03% to 0.2%, Sb 0.03% to 0.2%, and the sum of these elements being 0.2% or less), Fe 0 to 0.6%, Mn 0 to 1.5%, the balance aluminium and incidental impurities.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3075/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : GPS-ASSISTED CELL SELECTION FOR MOBILE DEVICES

(51) International classification :H04W36/32
(31) Priority Document No :12/270,947
(32) Priority Date :14/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/064339
Filing Date :13/11/2009
(87) International Publication No :WO 2010/056958 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :5775 MOREHOUSE DRIVE, SAN
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(72)Name of Inventor :
1)STEVEN D. CHENG
2)KUO-CHUN LEE
3)TOM CHIN

(57) Abstract :

Methods and apparatus for using a location of a mobile station (MS) and information about neighbor base stations (BSs) to assist network entry and initialization, scanning, and/or handover operations are provided. The location of the MS may be ascertained by determining the Global Positioning System (GPS) coordinates of the MS internally or by receiving the location from, e.g., a GPS device external to the MS. The information about neighbor BSs may be retrieved from a BS information database based on the location of the MS. The BS information database may reside within the MS, be broadcast periodically to the MS in an effort to update the MSs internal database, or be stored in the network operators database. Knowledge of the MSs location and information about neighbor BSs may reduce the time spent during network entry, scanning, or handover, and thereby, power consumption; and may increase the bandwidth usage efficiency.

No. of Pages : 38 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3076/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS WITH FRAME STRUCTURE FOR IMPROVED ADJACENT CHANNEL CO-EXISTENCE

(51) International classification	:H04W16/14, H04W72/04
(31) Priority Document No	:61/114,668
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064282
Filing Date	:12/11/2009
(87) International Publication No	:WO 2010/056925 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PRANAV DAYAL

2)MIGUEL GRIOT

(57) Abstract :

Methods and systems are provided for supporting co-existence of two radio access technologies (RATs), which include determining the frame structure of a first RAT, including the boundary of subframes, the DL:UL subframe ratio, and switching periodicity, selecting a frame offset and a DL:UL subframe ratio in a second RAT to minimize the number of punctured symbols in the second RAT, and transmitting frames in the second RAT with the selected frame offset and subframe ratio.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3077/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS OF REDUCING SMALL, DENSE LDL PARTICLES

(51) International classification :A61K31/09
(31) Priority Document No :61/106,483
(32) Priority Date :17/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/060679
Filing Date :14/10/2009
(87) International Publication No :WO 2010/045361 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)METABOLEX, INC.
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(72)**Name of Inventor :**
1)KARPF, DAVIS B.
2)KRAUSS, RONALD M.
3)CHOI, YUN-JUNG
4)WANG, XUEYAN
5)GREGOIRE, FRANCINE M.

(57) Abstract :

The present invention provides methods for increasing LDL particle size.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3086/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PENETRATION-INHIBITING MATERIAL

(51) International classification	:F41H5/04
(31) Priority Document No	:08168603.2
(32) Priority Date	:07/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/064446
Filing Date	:02/11/2009
(87) International Publication No	:WO 2010/052185
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BOTTGER, CHRISTIAN

2)KRABBE, JUTTA

3)HARTERT, RUDIGER

(57) Abstract :

A penetration-inhibiting material is proposed, which comprises at least one first component, wherein the first component has at least one first layer with a first set of threads and a second layer with a second set of threads, wherein the first set of threads is oriented in a first thread direction and the second set of threads is oriented in a second thread direction, wherein the first thread direction is transverse to the second thread direction, and wherein the penetration-inhibiting material has at least one second component, wherein the second component has at least one third layer and a fourth layer, wherein the third layer is a thread layer which has a third set of threads and the fourth layer is a thread layer which has a fourth set of threads, wherein the third set of threads is oriented in a third thread direction and the fourth set of threads is oriented in a fourth thread direction, and wherein the third thread direction is transverse to the fourth thread direction, wherein the third thread direction forms a first angle to the first thread direction and to the second thread direction, and the fourth thread direction forms a second angle to the first thread direction and to the second thread direction, and wherein the third set of threads and the fourth set of threads are joined to each other using at least one first binding agent, and wherein the first binding agent is a textile binding agent.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3087/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : BROADCAST RECEIVER APPARATUS

(51) International classification	:H04N7/173
(31) Priority Document No	:2008-263673
(32) Priority Date	:10/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/067462
Filing Date	:07/10/2009
(87) International Publication No	:WO 2010/041674
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor :

1)SHIMIZU, TOSHINORI

(57) Abstract :

There is provided a broadcast receiver apparatus capable of receiving correct channel information any time even if a network to which the broadcast receiver apparatus is connected changes to another one. The broadcast receiver apparatus includes storage means (29) for storing a network configuration information file and channel information and control means (25) for controlling units of the broadcast receiver apparatus. When the broadcast receiver apparatus is activated, the control means connects to a network, acquires a network configuration information file, and determines whether a network name described in the acquired network configuration information file is different from a network name described in the network configuration information file stored in the storage means. If the network names are different, the broadcast receiver apparatus acquires channel information on the basis of a piece of information described in the network configuration information file and overwrites the network configuration information file and channel information stored in the storage means with the newly acquired network configuration information file and channel information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3082/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : CARBAMATE COMPOUND OR SALT THEREOF

(51) International classification	:C07D401/12, A61K31/496, A61P13/00
(31) Priority Document No	:2008-285466
(32) Priority Date	:06/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068902
Filing Date	:05/11/2009
(87) International Publication No	:WO 2010/053120 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASTELLAS PHARMA INC.

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1)ISHII, TAKAHIRO

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3)MUNAKATA, RYOSUKE

4)AOKU, SATOSHI

5)HIGAKI, MASAHIRO

6)SOMEYA, AKIYOSHI

(57) Abstract :

Problems] A compound useful as an active ingredient for a pharmaceutical composition for treating FAAH-related diseases is provided. [Means for Solution] The present inventors have made extensive studies on compounds having an FAAH inhibitory activity, and as a result, have found that a piperazine-1-carboxylate compound, in which benzimidazol-2-ylcarbonyl, benzofuran-2-ylcarbonyl or the like binds to the 4-position of the piperazine, has an excellent FAAH inhibitory activity and further has an action to increase the effective bladder capacity, an action to ameliorate sleep disorders, an anti-diuretic action, and an analgesic activity on lower urinary tract pain including bladder pain and the like, thereby completed the present invention. The carbamate compound of the present invention has an excellent FAAH inhibitory activity and can be used as an agent for preventing and/or treating FAAH-related diseases, particularly nocturia, interstitial cystitis, painful bladder syndrome, or chronic non-bacterial prostatitis/chronic pelvic pain syndrome.

No. of Pages : 44 No. of Claims : 7

(54) Title of the invention : REVERSE-CONDUCTING SEMICONDUCTOR DEVICE

(51) International classification	:H01L29/08, H01L21/331, H01L29/739	(71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(31) Priority Document No	:08168332.8	(72)Name of Inventor :
(32) Priority Date	:05/11/2008	1)KOPTA, ARNOST
(33) Name of priority country	:EPO	2)RAHIMO, MUNAF
(86) International Application No	:PCT/EP09/64626	
Filing Date	:04/11/2009	
(87) International Publication No	:WO 2010/052245 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reverse-conducting semiconductor device (200) is provided, which comprises a freewheeling diode and an Insulated gate bipolar transistor on a common wafer (100), part of which wafer (100) forms a base layer (101) with a base layer thickness (102). The Insulated gate bipolar transistor comprises a collector side (103) and an emitter side (104), whereas the collector side (103) is arranged opposite of the emitter side (104) of the wafer (100). A first layer (1) of a first conductivity type and a second layer (2) of a second conductivity type are alternately arranged on the collector side (103). The first layer (1) comprises at least one first region (10) with a first region width (11) and at least one first pilot region (12) with a first pilot region width (13). The second layer (2) comprises at least one second region (20) with a second region width (21) and at least one second pilot region (22) with a second pilot region width (23). The RC-IGBT is designed in such a way that the following geometrical rules are fulfilled: Each second region width (21) is the equal to or larger than the base layer thickness (102), whereas each first region width (11) is smaller than the base layer thickness (102). Each second pilot region width (23) is larger than each first pilot region width (13). Each first pilot region width is the equal to or larger than two times the base layer thickness (102) and the sum of the areas of the second pilot regions (22) is larger than the sum of the areas of the first pilot regions (12).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3090/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : EXTRACT FROM CONDITIONED MEDIUM CULTURED BY REGENERATIVE CELLS

(51) International classification	:A23L1/30, A61K8/02, A61Q19/00	(71)Name of Applicant : 1)FRIEDLANDER, HYMIE Address of Applicant :4 HAPALMACH ST., KIRYAT ONO 55520 Israel
(31) Priority Document No	:61/102,843	(72)Name of Inventor :
(32) Priority Date	:05/10/2008	1)FRIEDLANDER, HYMIE
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IL09/000954	
Filing Date	:11/10/2009	
(87) International Publication No	:WO 2010/038232 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and composition for treating dermatological conditions and improving skin condition and helping hair to grow or thicken involves putting mesenchymal stem cells or other cells with regenerative properties into culture medium to induce secretion of beneficial factors such as growth factor, regulatory factors, enzymes, hormones, peptides and lymphokines into the culture medium to create conditioned medium and then extracting either a supernatant or a cell free extract of the conditioned medium to use itself or components thereof alone or with other skin or hair care reagents as a topical ointment or formula to apply to the skin or hair topically for therapeutic and cosmetic purposes.

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

(54) Title of the invention : COMPOSITION FOR CANCER PREVENTION OR TREATMENT CONTAINING AS ACTIVE INGREDIENT PLANT STEM CELL LINE DERIVED FROM CAMBIUM OF PANAX GINSENG INCLUDING WILD GINSENG OR GINSENG

(51) International classification	:A61K36/258	(71)Name of Applicant :
(31) Priority Document No	:10-2008-0110086	1)UNHWA CORPORATION
(32) Priority Date	:06/11/2008	Address of Applicant :452-32, JANG-DONG, DEOKJIN-GU,
(33) Name of priority country	:Republic of Korea	JEONJU-SI, JEONBUK, 561-360 Republic of Korea
(86) International Application No	:PCT/KR09/006523	(72)Name of Inventor :
Filing Date	:06/11/2009	1)JIN, YOUNG WOO
(87) International Publication No	:WO 2010/053314	2)LEE, EUN KYONG
	A2	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a composition for preventing or treating cancer, which contains, as an active ingredient, a Panax ginseng cambium- derived cell line including wild ginseng or ginseng; a lysate thereof; an extract thereof; or a culture medium thereof. The cell line according to the present invention, a lysate thereof, an extract thereof and a culture medium thereof are derived from a natural and have minimized side effects compared to the conventional therapeutic drugs, and thus are safe for the human body. Also, they are involved directly in the growth of cancer to induce cancer cell death effectively, and show anticancer activity of inhibiting or reducing the formation of tumor or the growth of tumor, Accordingly, the cell line, the lysate thereof, the extract thereof and the culture medium thereof are useful for the prevention, treatment and alleviation of cancer.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3094/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : WIND TURBINE ROTOR BLADE

(51) International classification	:F03D1/06
(31) Priority Document No	:0820324.2
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB09/051466
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/052487
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VESTAS WIND SYSTEMS A/S
Address of Applicant :ALSVEJ 21, DK-8940 RANDERS SV
Denmark
(72)**Name of Inventor :**
1)VRONSKY, TOMAS
2)HAHN, FRANK AXEL

(57) Abstract :

A wind turbine rotor blade is provided, the rotor blade comprising a root portion and a tip portion extending therefrom. The root portion comprises a plurality of inserts embedded therein, each insert being configured to receive respective connecting means for connecting the wind turbine rotor blade to a wind turbine hub. The inserts are of at least two different lengths such that they extend into the rotor blade by different distances.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3095/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : CO-EXTRUDED, MULTILAYERED POLYOLEFIN-BASED BACKSHEET FOR ELECTRONIC DEVICE MODULES

(51) International classification	:B32B27/32
(31) Priority Document No	:61/112,011
(32) Priority Date	:06/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063199
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/053936 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHU, LIH-LONG
2)NAUMOVITZ, JOHN
3)NICKEL, NICHOLE, E.

(57) Abstract :

Multilayer structures useful as a backsheet for an electronic device, e.g., a photovoltaic cell, comprise (A) a top layer comprising a polyolefin resin, e.g., ethylene vinyl acetate, and having a top facial surface and a bottom facial surface, (B) a tie layer comprising an adhesive, e.g., an ethylene glycidyl methacrylate, having a top facial surface and a bottom facial surface, the top facial surface in adhering contact with the bottom facial surface of the top layer, and (C) a bottom layer comprising a polyolefin having at least one melting peak greater than 125°C, e.g., a polypropylene, and having a top facial surface and a bottom facial surface, the top facial surface in adhering contact with the bottom facial surface of the tie layer

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3096/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER FOR A SMOKING ARTICLE

(51) International classification	:A24D3/02, A24D3/04
(31) Priority Document No	:0820229.3
(32) Priority Date	:05/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP09/063398
Filing Date	:14/10/2009
(87) International Publication No	:WO 2010/052100 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)RICHARDSON, JOHN

(57) Abstract :

A filter for a smoking article such as a cigarette is provided comprising a body of smoke filtering material (1) and having a thread (5) incorporated therein. The thread is composed of material derived from a plant containing a naturally occurring tobacco flavourant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3097/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUPPORT UNIT, LIGHTING DEVICE, AND DISPLAY DEVICE

(51) International classification	:F21V17/00, F21S2/00, G02F1/1333	(71)Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:2008-284063	(72)Name of Inventor :
(32) Priority Date	:05/11/2008	1)HASEGAWA, YOHICHI
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP09/063549	
Filing Date	:30/07/2009	
(87) International Publication No	:WO 2010/052957	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lamp clip (LC) includes a support pin (SP) making contact with and supporting an optical sheet such as a diffusion plate (46), and also includes ribs (RB) rising from the outer periphery of the support pin (SP) and reinforcing the support pin (SP).

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3098/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PRODUCING A SEMIFINISHED PRODUCT AND SEMIFINISHED PRODUCT FOR ELECTRICAL CONTACTS AND CONTACT PIECE

(51) International classification :H01R13/03
(31) Priority Document No :10 2008 056 264.5
(32) Priority Date :06/11/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP09/007662
Filing Date :27/10/2009
(87) International Publication No :WO 2010/051923
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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PFORZHEIM Germany

(72)Name of Inventor :

1)HEINZEL, HELMUT

2)KRAUS, ANDREAS

3)MAHLE-MOSSNER, EVELYN

4)WENZ, JOHANN

(57) Abstract :

The invention relates to a method for producing a strand-like, particularly band like semi-finished part for electrical contacts, wherein the semi-finished part has a top side intended for making the electrical contact, said top side made from a silver-based composite material in which one or multiple metal oxides or carbon are embedded, and has a carrier layer supporting the composite material made of silver or a silver-based alloy, said method having the following steps: - Powder-metallurgic production of a block made from the silver-based composite material, - Encasing of the block made of the composite material with a powder made primarily of silver - Compressing the block, encased by the metal powder, to condense the metal powder, - Sintering the compressed block, - Reshaping the sintered block by extrusion pressing, - Creating a partial strand with a top side made from composite material and a bottom side made from silver or a silver-based alloy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3088/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : MULTILAYER FOIL

(51) International classification :B65D75/36, B32B27/08,
B32B27/30
(31) Priority Document No :10 2008 056 123.1
(32) Priority Date :06/11/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP09/007844
Filing Date :03/11/2009
(87) International Publication No :WO 2010/051960 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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HEILIGENROTH Germany
(72)Name of Inventor :
1)MUNSTER, JOCHEN
2)ALLEMANN, BEAT
3)ECKERT, ALAIN

(57) Abstract :

The invention relates to a deep-drawable multi-layer film having low water vapor and oxygen permeability, said film being suitable for blister packaging and preferably comprising a layer composite of the PVC/PCDC/PCTFE/PVC type.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3100/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS AND AN APPARATUS FOR CONVERTING SOLID ORGANIC MATERIALS INTO CARBON OR ACTIVATED CARBON

(51) International classification	:C01B31/10, B01J8/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN08/000774
Filing Date	:18/11/2008
(87) International Publication No	:WO 2010/058408 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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TRIVANDRUM - 695 002 Tamil Nadu India

2)APURVA VISHNUKUMAR DAVE

(72)Name of Inventor :

1)KRISHNAN BALU RAVI

(57) Abstract :

A process and an apparatus for converting solid organic materials into carbon or activated carbon. The processing of solid organic materials is oxygen-free and wholly under endothermic condition. The apparatus comprises a pressure vessel (1), thermal insulation with protective cladding for pressure vessel (2), a perforated or non-perforated rotary drum (3), a sealed dish end (4), a rotating shaft (5), a geared motor with belt or chain drive (6), a steam super heater (7) for generating superheated steam, at least one inlet valve (8) for regulating the super heated steam, at least one feed pipe (9), tilting or swivel support (10), at least one cylindrical roller (11), an open or close door end (12), a feeding or removal port (13), a connecting chute (14), at least one pressure safety valve (15), a gas exit pipe (16), at least one outlet valve (17), a gas treatment unit (18) for treating the generated reaction gases, at least one pressure gauge (19) and at least one temperature indicator (20). The pressure vessel is tilted along with its accessories supported on a tilting or swivel support and solid organic materials are feeded into the rotary drum and then realigned. Gas or steam is feeded inside the pressure vessel till the entire air inside the pressure vessel is purged out and thereafter superheated steam continuously feeded into the rotary drum. The rotary drum is constantly rotated by geared motor and generated reaction gases are evacuated from the pressure vessel to the gas treatment unit wherein the organic solid materials are converted into carbon or activated carbon.

No. of Pages : 29 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3101/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYNCHRONISATION METHOD BETWEEN BASE STATIONS, RADIO COMMUNICATION SYSTEM AND BASE STATION THEREOF

(51) International classification	:H04W36/04
(31) Priority Document No	:08305773.7
(32) Priority Date	:05/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/062247
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/052062
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France
(72)**Name of Inventor :**
1)FAHL DIECK, TORSTEN

(57) Abstract :

The invention relates to a method for use in a radio communication system (RCS), the radio communication system (RCS) comprising at least three base stations (SBS1, MBS1, MBS2), a first one (SBS1) of the at least three base stations (SBS1, MBS1, MBS2) hereinafter called first slave base station, a second one (MBS1) of the at least three base stations (MBS1, MBS2, SBS1) hereinafter called first master base station, and a third one (MBS2) of the at least three base stations (SBS1, MBS1, MBS2) hereinafter called second master base station, the method comprising the step of controlling a first part (PI) of a radio resource allocation domain at the first slave base station (SBS1) by the first master base station (MBS1), wherein the method further comprises the step of controlling at least a second part (P2) of the radio resource allocation domain at the first slave base station (SBS1) by the second master base station (MBS2), and wherein the first part (PI) and the at least second part (P2) of the radio resource allocation domain are disjointed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3102/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYAMINOACETONITRILES, THEIR METHODS OF PREPARTION AND USE

(51) International classification	:C09D5/02
(31) Priority Document No	:61/112,325
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/059775
Filing Date	:07/10/2009
(87) International Publication No	:WO 2010/053649
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DIGUILIO, RALPH, M.
2)FORKNER, MATTHEW, W.
3)LI, CHENG-KUANG

(57) Abstract :

A process for preparing a diaminoacetonitrile which includes reacting by contacting an amine comprising two primary amine groups with a cyanohydrin. The diaminoacetonitrile produced may subsequently be used in the production of polymers and/or as a curing agent for epoxy resins.

No. of Pages : 47 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3091/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYMERIZABLE LIQUID COMPOSITION AND PROCESS FOR THE PRODUCTION OF ORGANIC GLASS STARTING FROM POLYMERIZABLE LIQUID COMPOSITIONS OF THE POLYURETHANE TYPE

(51) International classification	:C08G18/08, C08G18/16, C08G18/32	(71)Name of Applicant : 1)ACOMON AG Address of Applicant :WEINBERGSTRASSE 5, CH-6300 ZUG Switzerland
(31) Priority Document No	:MI2008A 001843	(72)Name of Inventor :
(32) Priority Date	:16/10/2008	1)BOS, WILLEM
(33) Name of priority country	:Italy	2)RENZI, FIORENZO
(86) International Application No	:PCT/EP09/007389	3)FORESTIERI, ROBERTO
Filing Date	:14/10/2009	4)VECCHIONE, ANDREA
(87) International Publication No	:WO 2010/043392 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polymerizable liquid compositions of the polyurethane type, consisting of two components (A) and (B), wherein component (A) contains at least one cycloaliphatic diisocyanate monomer or a mixture of one cycloaliphatic diisocyanate monomer and a pre - polymer obtained by reaction, in the presence of an acid phosphate ester catalyst, between said cyclo-aliphatic diisocyanate monomer and one or more polyols having two or more hydroxy 1 groups per molecule and a molecular weight ranging from 50 to 2,000 g/mole; the second component (B) contains one or more polyols having a molecular weight ranging from 50 to 2,000 g/mole and a functionality between 2 and 5; in the absence of polyalkoxylated tertiary diamines and or- ganometallic catalysts, said components (A) and (B) being present in a weight ratio which varies from 1:1 to 2:1 and the process for the production of organic glass starting from polymerizable liquid compositions of the polyurethane type.

No. of Pages : 66 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3092/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARING ISOCYANATES

(51) International classification	:C07C263/10, C07C265/00
(31) Priority Document No	:08168617.2
(32) Priority Date	:07/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/064578
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/052230 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASE SE

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(72)Name of Inventor :

1)MATTKE, TORSTEN

2)KNOSCHE, CARSTEN

(57) Abstract :

The invention relates to a process for preparing isocyanates by reacting the corresponding amines with phosgene in the gas phase, if appropriate in the presence of an inert medium, in which the amine and the phosgene are first mixed and converted to the isocyanate in a reactor, by cooling a reaction gas which comprises isocyanate and hydrogen chloride and leaves the reactor in a quench by adding a liquid quench medium to obtain a mixture of reaction gas and quench medium. The amount of quench medium added is such that the temperature of the mixture of reaction gas and quench medium which is established in the quench is above the dew point of the gas present in the quench.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3093/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING AN INPUTTING DATA

(51) International classification	:G06F3/048, G06F3/023
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2008/002654
Filing Date	:07/10/2008
(87) International Publication No	:WO 2010/041092 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TIKI'LABS

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(72)Name of Inventor :

1)GUYOT-SIONNEST, LAURENT

(57) Abstract :

The present invention relates to a progressive multilevel interactively guided method and device for inputting to an apparatus any object among a set of up to NN objects having each a symbolic representation, the small device comprising N sensible and N visual zones in correspondence one by one and having same form and relative positions, the method comprising the steps of showing N objects in each visual zone, a first actuation of the sensible zone associated with the visual zone showing the object to be selected, the distribution of the N shown objects in each N visual zones, a second actuation of the sensible zone associated with the visual zone showing the object to be selected, and an inputting of the selected object to the apparatus when the sensible zone is released. The objects symbolic representations are positioned within the visual zones in such a manner that the method is intuitive, easy to memorize and flexible, and via progressive levels, upward compatible with faster, chordic and less or no visual area demanding methods. The invention also relates to network systems using programs executing such methods and devices.

No. of Pages : 120 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3105/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : A POWER SUPPLY SYSTEM AND METHOD FOR CONTROLLING A MECHANICALLY COMMUTATED ELECTRIC MOTOR

(51) International classification	:H02P7/29
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/DK2008/000353
Filing Date	:10/10/2008
(87) International Publication No	:WO 2010/040349 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)FICH, PREBEN, BO
2)WILLADSEN, CURT MICHAEL PETERSEN

(57) Abstract :

The invention relates to a method for providing a trigger signal in response to the commutation of a mechanically commutated electric motor (1). The method comprising the steps of providing a mechanically commutated electric motor (1), providing a power supply for said mechanically commutated electric motor via electrical supply leads (10, 11) from power supply circuitry, providing a filter (15) connected to said electrical supply leads (10, 11), detecting with said filter (15) a voltage spike occurring at commutation, outputting from said filter (15) said trigger signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3099/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : EYE DROP WITH DIFLUPREDNATE FOR MACULAR EDEMA TREATMENT

(51) International classification	:A61K9/00, A61K31/573, A61P27/02
(31) Priority Document No	:2009-165924
(32) Priority Date	:14/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062289
Filing Date	:14/07/2010
(87) International Publication No	:WO 2011/007893 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YAMAMOTO, TEIKO

3)GOTO, SAKIKO

4)ABE, SACHI

5)KIRII, ERIKO

6)OKUMURA, ATSUSHI

(57) Abstract :

The present invention aims to provide an eye drop for treating macular edema. The present invention provides an eye drop for treating macular edema, which contains difluprednate as an active ingredient. The eye drop can afford effects such as improvement of visual acuity and decreased foveal retinal thickness in macular edema.

No. of Pages : 25 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3108/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : FULLY SUBMERGED INTEGRATED ELECTRIC OIL PUMP

(51) International classification	:F04C2/10, F04C11/00, F04C15/00
(31) Priority Document No	:61/112,231
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA09/001614
Filing Date	:05/11/2009
(87) International Publication No	:WO 2010/051640 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HADAR, GIL

2)BENNETT, ANDY

(57) Abstract :

A submersible electric pump includes a housing adapted to be submerged within a fluid to be pumped having apertures extending therethrough. An electric motor stator is positioned within the housing in communication with the apertures and is adapted to be in contact with the fluid. Inner and outer pump rotors are positioned within the housing in meshed engagement with one another to pump fluid when rotated. A plurality of permanent magnets are fixed for rotation with the outer rotor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3109/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PREPARATION AND ITS USE OF DERIVATISATION REAGENT FOR DETECTING L-CARNITINE OR D-CARNITINE

(51) International classification	:G01N33/15, C07C15/24, G01N33/50	(71) Name of Applicant : 1)CHANGZHOU MULTIPLE DIMENSION INSTITUTE OF INDUSTRY TECHNOLOGY CO., LTD. Address of Applicant :JIAXIN HUAYUAN A-1704 NO.18 HENGSHAN ROAD, XINBEI CHANGZHOU, JIANGSU 213022 China
(31) Priority Document No	:200810195330.5	
(32) Priority Date	:13/10/2008	
(33) Name of priority country	:China	
(86) International Application No	:PCT/CN09/001127	(72) Name of Inventor :
Filing Date	:09/10/2009	1)GU, SHUHUA
(87) International Publication No	:WO 2010/043112 A1	2)WANG, XUECHENG
(61) Patent of Addition to Application Number	:NA	3)LI, QINGYI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A preparation method and its use of derivatisation reagent for detecting L-carnitine or D-carnitine are provided. The present reagent is stable. It can be used for detecting L-carnitine or D-carnitine accurately and sensitively. That is to say, the reagent is applied to detecting the amount of synthesized or natural L-carnitine and the amount of mixing D-carnitine. The compound reagent is used for determining the chiral isomers of chemicals, biological reagents, health care reagents, cosmetic, body fluids and various foods, which contain L-carnitine or/and D-carnitine, and optical isomers of other chiral amino acids.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3110/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ETHYLENE- α -OLEFIN COPOLYMER AND MOLDED OBJECT THEREOF

(51) International classification :C08F210/02
(31) Priority Document No :2008-288496
(32) Priority Date :11/11/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP09/069418
Filing Date :10/11/2009
(87) International Publication No :WO 2010/055935
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)NOZUE, YOSHINOBU
2)KAWASHIMA, YASUTOYO
3)OCHI, NAOKO (NEE NUMAO)
4)OGANE, TAKUYA

(57) Abstract :

The purpose of the invention is to provide an ethylene-a-olefin copolymer, which has a high melt tension but a small neck-in, and a molded object produced by extrusion molding of the copolymer. An ethylene-a-olefin copolymer having a monomer unit based on ethylene and a monomer unit based on an a-olefin having 3 to 20 carbon atoms, which has a melt flow rate (MFR) of 0.1 to 100 g/10 min, a density (d) of 850 to 940 kg/m³, a ratio (Mw/Mn) of weight average molecular weight (Mw) to number average molecular weight (Mn) of 2 of 12, and a valve g defined by the following formula (I) of 0.50 to 0.75: equation

No. of Pages : 125 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3111/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PREPARATION METHOD OF HIGH-PURITY L-CARNITINE

(51) International classification :C07C229/22,
C07C49/215
(31) Priority Document No :200810195331.X
(32) Priority Date :13/10/2008
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/001122
Filing Date :09/10/2009
(87) International Publication No :WO 2010/043110 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GU, SHUHUA
2)WANG, XUECHENG
3)LI, QINGYI

(57) Abstract :

The present invention relate to a preparation method of high-purity L-carnitine which belongs to an important technique of quality control in different steps of chiral medicine production. The method comprises the following steps of monitoring the content of the L-isomer impurity in chiral material S-epichlorohydrin by gas chromatography and chiral column and controlling the content of the L-isomer impurity in chiral raw material in the definite range; monitoring and controlling the specific optical rotation of the chiral intermediate L-3-chloro-2-hydroxy-N,N,N-trimethyl-propanaminium in the definite ranges using a polarimeter; monitoring the content of the R-isomer in the intermediate L-3-cyano-2-hydroxy-N,N,N-trimethyl-propanaminium using deriviation agent (+)-a-methyl-6-methoxy-2-naphthaleneaceyl chloride by HPLC and controlling the content of the isomer in the intermediate in the definite range; and measuring the final product L-carnitine using derviation agent (+)-a-methyl-6-methoxy-2-naphthaleneaceyl chloride by HPLC. This method gives the high-purity L-carnitine in which the content of L-isomer may be more than 97% and that of R-isomerless than 2%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3103/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM FOR GUIDING A DRONE THE APPROACH PHASE TO A PLATFORM, IN PARTICULAR A NAVAL PLATFORM, WITH A VIEW TO LANDING SAME

(51) International classification	:B64F1/20, G01S1/70, G08G5/02
(31) Priority Document No	:0856929
(32) Priority Date	:13/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/051953
Filing Date	:13/10/2009
(87) International Publication No	:WO 2010/043815
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DCNS

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(72)Name of Inventor :

1)MORESVE, JULIEN

(57) Abstract :

This system for guiding a drone during the approach phase to a platform, particularly a naval platform, with a view to landing the same, is characterized in that the platform is equipped with a glide slope indicator installation emitting an array of optical guide beams over an angular sector predetermined from the horizontal, and in that the drone is equipped with a beam acquisition camera (6) connected to image analysis means (7) and to computing means (8) of orders for commanding automatic piloting means (9) of the drone to cause it to follow the guide beams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3104/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PRODUCING A SEMIFINISHED PRODUCT AND SEMIFINISHED PRODUCT FOR ELECTRICAL CONTACTS AND CONTACT PIECE

(51) International classification	:A61L27/20, A61L27/56, A61L27/58
(31) Priority Document No	:10 2008 056 263.7
(32) Priority Date	:06/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/007661
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/051922 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DODUCO GMBH

Address of Applicant :IM ALTGEFALL 12, 75181
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(72)Name of Inventor :

1)HEINZEL, HELMUT

2)MOOG, DIRK

3)WITULSKI, NORBERT

4)DASLER, STEFAN

5)KRAUS, ANDREAS

6)MAHLE-MOSSNER, EVELYN

7)BEHRENS, VOLKER

8)WENZ, JOHANN

(57) Abstract :

The invention relates to a method for producing a strand-like, particularly band-like semi-finished part for electrical contacts, wherein the semi-finished part has a top side intended for making the electrical contact, said top side made from a silver-based composite material in which one or multiple metal oxides or carbon are embedded, and has a carrier layer supporting the composite material made of easily solderable or weldable ignoble metal, said method having the following steps: - Powder-metallurgical production of a block made from the silver-based composite material, - Encasing of the block made of the composite material with a powder made from the easily solderable or weldable ignoble metal, - Compressing the block, encased by the metal powder, to condense the metal powder, - Sintering the compressed block in a reducing atmosphere or in an inert atmosphere or in a vacuum, avoiding the formation of fluid eutectics from the silver of the composite material and from the non-precious metal with which the block made from the silver-based composite material is encased, - Reshaping of the sintered block by extrusion pressing, - Creating a partial strand with a top side made from composite material and a bottom side made from non-precious metal

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3115/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR FAST NETWORK ENTRY AND RE-ENTRY IN MULTIPLE ACCESS NETWORKS

(51) International classification	:H04W28/26
(31) Priority Document No	:61/112,142
(32) Priority Date	:06/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/061107
Filing Date	:16/10/2009
(87) International Publication No	:WO 2010/053679
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DOO SEOK KIM

2)JONG RO PARK

3)JE WOO KIM

(57) Abstract :

Certain aspects of the present disclosure present techniques for requesting and granting bandwidth reservations during network entry and network reentry processes. The subscriber station transmits a request message to the base station including a bandwidth reservation for uplink allocation for at least one subsequent request messages to be transmitted. The base station transmits a response message and an uplink allocation for the at least one subsequent request message to the subscriber station.

No. of Pages : 33 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3116/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TECHNIQUES FOR MINIMIZING CONTROL VOLTAGE RIPPLE DUE TO CHARGE PUMP LEAKAGE IN PHASE LOCKED LOOP CIRCUITS

(51) International classification	:H03L7/089
(31) Priority Document No	:61/114,041
(32) Priority Date	:12/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/064267
Filing Date	:12/11/2009
(87) International Publication No	:WO 2010/056912
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)ASHWIN RAGHUNATHAN
2)MARZIO PEDRALI-NOY

(57) Abstract :

Techniques for adaptively control of a loop filter sampling interval to mitigate the effects of charge pump leakage current in an apparatus including a phase lock loop circuit are provided. In one aspect, the apparatus includes a voltage controlled oscillator (VCO), a phase frequency detector (PFD) providing a phase comparison operation, a loop filter providing a control voltage to lock the VCO to a desired operating frequency, and a charge pump configured to provide an output signal to the loop filter in response to at least one of an UP pulse and a DOWN pulse. The apparatus further includes a sampling switch, coupled between an input of the loop filter, an output of the charge pump, and characterized by a sampling interval. A sampling switch controller is configured to adaptively control the width of the sampling interval in order to mitigate the effects of leakage current from the charge pump by closing the sampling switch in advance of the phase comparison operation and opening the sampling switch when the phase comparison operation is completed.

No. of Pages : 30 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3106/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR ROTATABLY COUPLING TWO COAXIAL CONNECTING ELEMENTS

(51) International classification	:F16C19/16, F16C19/18, F16C19/38	(71)Name of Applicant : 1)IMO HOLDING GMBH
(31) Priority Document No	:10 2008 050 620.6	Address of Applicant :IMOSTRASSE 1, 91350
(32) Priority Date	:09/10/2008	GREMSDORF Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP09/007249	1)FRANK, HUBERTUS
Filing Date	:09/10/2009	
(87) International Publication No	:WO 2010/040539 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed to a device for rotatably coupling two coaxial connecting elements, at least one of which is configured as a circular ring, and each of which has at least one annular surface that faces the corresponding surface of the respective other connecting element but is spaced apart therefrom by a gap, such that they are rotatable in opposite directions about an imaginary axis (axis of rotation) at the center of the annular connecting element and approximately perpendicular to the ring plane, wherein disposed in the gap between the two connecting elements is a rotary joint, configured as a single- or multi-row rolling bearing, for absorbing axial and radial loads and tilting moments, wherein at least one annular connecting element comprises, on its surface facing the gap, a continuously circumferential, planar shoulder having an oblong or elongated cross section and extending away from the gap to a freely terminating, peripheral circumferential edge.

No. of Pages : 24 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3118/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESSING INFORMATION BLOCKS FOR WIRELESS TRANSMISSION

(51) International classification :H04J11/00
(31) Priority Document No :61/111,036
(32) Priority Date :04/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063267
Filing Date :04/11/2009
(87) International Publication No :WO 2010/053985 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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NOBEL, ST. LAURENT, QUEBEC H4S 2A9 Canada
(72)**Name of Inventor :**
1)LAI-KING TEE
2)YI SONG
3)NENG WANG
4)CHUANDONG LI

(57) Abstract :

In general, according to an embodiment, a wireless transmitter includes a plurality of coding and modulation modules to apply corresponding coding and modulation algorithms to input information blocks. A discrete Fourier transform (DFT) precoder applies DFT processing to outputs of the coding and modulation modules, and an inverse fast Fourier transform (IFFT) module receives a DFT output of the DFT precoder, which is mapped to different subcarriers according to the resource allocation indicated by the base station, and applies IFFT processing to the DFT output. An output processing stage produces output signals based on the output of the IFFT module to transmit wirelessly to a wireless receiver. In a different implementation, the outputs of the coding and modulation modules can be provided to an IFFT module to produce IFFT-processed output information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3119/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROL OF CELLS, MODULES AND A PACK COMPRISED OF HYBRIDIZED ELECTROCHEMISTRIES

(51) International classification	:B60K6/20
(31) Priority Document No	:61/112,716
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063575
Filing Date	:06/11/2009
(87) International Publication No	:WO 2010/054213 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHIA WEI WANG

2)ANN MARIE SASTRY

3)FABIO ALBANO

(57) Abstract :

A power management apparatus for a hybridized energy device includes a hybridized energy device including a plurality of units. The units include electrical energy storage and/or gathering cells, in series or in parallel to form a module. A plurality of the modules in series or in parallel form a pack. The power management apparatus also includes a central management apparatus (CMA) interconnecting a plurality of module management apparatus (MMAs) by means of either wired or wireless connections and a plurality of MMAs. Each - MMA interconnects with a plurality of unit management apparatuses by means of either wireless or wired communication circuits. The power management apparatus further includes a plurality of units management apparatuses (UMAs), each wired, connected with, or deposited on a unit. Furthermore, the power management apparatus includes a rechargeable battery power source for a CMA, a plurality of MMAs, and a plurality of UMAs.

No. of Pages : 26 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3120/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR ARQ FEEDBACK MESSAGE IMPROVEMENT

(51) International classification :H04L1/16
(31) Priority Document No :61/112,147
(32) Priority Date :06/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063184
Filing Date :03/11/2009
(87) International Publication No :WO 2010/053929 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)QUANZHU DUAN
2)CHUN WOO LEE
3)JONG RO PARK

(57) Abstract :

Certain embodiments of the present disclosure propose techniques for improving automatic repeat request (ARQ) feedback messages to reduce unnecessary transmissions by notifying the transmitter of the last acknowledged block in the ARQ feedback message.

No. of Pages : 39 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3112/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : FURNACE INSIDE MONITORING DEVICE

<p>(51) International classification :G01N21/27 (31) Priority Document No :2008-287489 (32) Priority Date :10/11/2008 (33) Name of priority country :Japan (86) International Application No :PCT/JP2009/069052 Filing Date :09/11/2009 (87) International Publication No :WO 2010/053177 A1 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)IHI INSPECTION AND INSTRUMENTATION CO., LTD. Address of Applicant :22-13, OHI 1-CHOME, SHINAGAWA-KU, TOKYO 140-0014 Japan 2)NIPPON STEEL CORPORATION (72)Name of Inventor : 1)KURATA, TAKAO 2)NITTA, MICHIO</p>
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(57) Abstract :

A furnace inside monitoring device 21 which monitors a furnace inside where radiation light is emitted, includes a laser irradiation device 100 which irradiates a furnace wall surface in a furnace with laser light, and a light receiving device 200 which receives the laser light reflected by the furnace wall surface. The light receiving device 200 includes an optical filter 15 which transmits the laser light and light in a predetermined wavelength range in a wavelength region corresponding to red among the three primary colors, and an image generation device 8 which generates an image of the furnace wall surface on the basis of light including the reflected laser light having passed through the optical filter 15.

No. of Pages : 64 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3114/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR INTER-RAT HANDOVER IN MULTI-MODE MOBILE STATION

(51) International classification :H04W36/14,
H04W88/06
(31) Priority Document No :61/112,139
(32) Priority Date :06/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/063183
Filing Date :03/11/2009
(87) International Publication No :WO 2010/053928 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TOM CHIN
2)GUANGMING CARL SHI
3)KUO-CHUN LEE
4)SERGUEI A. GLAZKO
5)MATTHIAS BREHLER

(57) Abstract :

Methods provided may generally include sending a BS of a first RAT a request message indicating a set of MIMO resources to reallocate; during a scan duration, communicating with the BS of the first RAT using non-reallocated MIMO resources and communicating with a BS of a second RAT using reallocated MIMO resources; and during a normal duration, communicating with the BS of the first RAT using the reallocated and non-reallocated MIMO resources. Apparatus provided may generally include logic for receiving a request message indicating a set of MIMO resources of the MS to reallocate; logic for, during a scan duration, communicating with the MS in a first transmission mode assuming the use of only non-reallocated MIMO resources by the MS; and logic for, during a normal duration, communicating with the MS in a second transmission mode assuming the use of the reallocated and non-reallocated MIMO resources by the MS.

No. of Pages : 33 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3125/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CLOSED-LOOP RATE CONTROL FOR A MULTI-CHANNEL COMMUNICATION SYSTEM

(51) International classification	:H04B7/04, H04B7/06, H04B7/08
(31) Priority Document No	:60/421,309
(32) Priority Date	:25/10/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US03/034570
Filing Date	:24/10/2003
(87) International Publication No	:WO/2004/038986
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	: 716/CHENP/2005
Filed on	:24/10/2003

(71)Name of Applicant :

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1)WALLACE, MARK, S.

2)WALTON, J., RODNEY

3)HOWARD, STEVEN, J.

4)KETCHUM, JOHN, W.

(57) Abstract :

Closed-loop control for data transmission on multiple parallel channels is provided. An inner loop estimates the channel conditions for a communication link and selects a suitable data rate for each of the multiple parallel channels based on the channel estimates. For each parallel channel, a received SNR is computed based on the channel estimates, an operating SNR is computed based on the received SNR and an SNR offset for the parallel channel, and the data rate is selected based on the operating SNR for the parallel channel and a set of required SNRs for a set of data rates supported by the system. An outer loop estimates the quality of data transmissions received on the multiple parallel channels and adjusts the operation of the inner loop. For example, the SNR offset for each parallel channel is adjusted based on the status of packets received on that parallel channel.

No. of Pages : 59 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :02/06/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF 3-ALPHA-ANDROSTANEDIOL, OPTIONALLY IN COMBINATION WITH A PDES INHIBITOR, IN THE TREATMENT OF SEXUAL DYSFUNCTION

(51) International classification	:A61K31/496, A61K31/519, A61K31/568	(71)Name of Applicant : 1)EMOTIONAL BRAIN B.V. Address of Applicant :LOUIS ARMSTRONGWEG 78, 1311 RL ALMERE, Netherlands
(31) Priority Document No	:06076976.7	(72)Name of Inventor :
(32) Priority Date	:03/11/2006	1)TUITEN, JAN, JOHAN, ADRIAAN,
(33) Name of priority country	:EPO	2)BLOEMERS, JOHANNES, MARTINUS, MARIA,
(86) International Application No	:PCT/NL07/50534	3)DE LANGE, ROBERTUS, PETRUS, JOHANNES,
Filing Date	:02/11/2007	
(87) International Publication No	:WO 2008/054214 A2	
(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 the field of male and/or female sexual dysfunction. The invention specifically relates to the use of 3-alpha-androstanediol, preferably in combination with a type 5 phosphodiesterase (PDE5) inhibitor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COIL SHOOTING MODE

(51) International classification	:G01V1/38, B63B21/66, B63C11/48
(31) Priority Document No	:12/267,561
(32) Priority Date	:08/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063538
Filing Date	:06/11/2009
(87) International Publication No	:WO 2010/054186 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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BJ S GRAVENHAGE Netherlands

(72)Name of Inventor :

1)WELKER, KENNETH, E.

(57) Abstract :

The technique disclosed herein includes a method and apparatus for controlling streamer steering devices to maintain a coil streamer shape that gives coverage for a coil shooting plan. The technique uses solved positions and a target coil streamer shape identified in the shooting plan to determine steering instructions to the streamer steering devices along the streamer.

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

(54) Title of the invention : SPECTRUM AUTHORIZATION AND RELATED COMMUNICATIONS METHODS AND APPARATUS

(51) International classification	:H04W12/04, H04W12/08, H04L29/06
(31) Priority Document No	:12/272,988
(32) Priority Date	:18/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064405
Filing Date	:13/11/2009
(87) International Publication No	:WO 2010/059522 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)VINCENT D. PARK**2)THOMAS J. RICHARDSON****3)MICHAELA VANDERVEEN****4)JUNYI LI****5)MATHEW SCOTT CORSON**

(57) Abstract :

Various embodiments relate to wireless communications, and more particularly, to methods and apparatus for authorizing use of spectrum, e.g., through the issuance of spectrum access keys, and/or preventing or discouraging the unauthorized use of licensed spectrum. Peer to peer wireless communications between authorized users of licensed spectrum may involve scrambling/descrambling of information communicated between authorized devices. In some embodiments air interface timing and/or other information received from a second device, e.g., a beacon or GPS transmitter, is incorporated into a computation of a pseudo-random bit sequence which is also computed based on a spectrum access key communicated to authorized spectrum users. In some embodiments authorized peer to peer devices scramble communicated information based on the generated pseudo random bit sequence thereby preventing or discouraging communication with devices which are not authorized to use the spectrum and lack a spectrum access key used to generate the pseudo random bit sequence.

No. of Pages : 32 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3130/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDRAULIC FLUID COMPOSITION THAT REDUCES HYDRAULIC SYSTEM NOISE

(51) International classification :C10M145/14

(31) Priority Document No :61/105,065

(32) Priority Date :14/10/2008

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

(86) International Application No :PCT/EP09/062766

Filing Date :01/10/2009

(87) International Publication No :WO 2010/043503
A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PLACEK, DOUGLAS, G.

2)NEVEU, CHRISTIAN DANIEL GEORGES

3)HERZOG, STEVEN NEIL

(57) Abstract :

Noise generation in a hydraulic system is reduced by contacting a hydraulic fluid comprising a polyalkyl(meth)acrylate polymer with a hydraulic system.

No. of Pages : 39 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3132/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ERBB-3 (HER3)-SELECTIVE COMBINATION THERAPY

(51) International classification	:A61K31/70, C07H21/04, C12N5/02
(31) Priority Document No	:61/112,549
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063357
Filing Date	:05/11/2009
(87) International Publication No	:WO 2010/054051 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SANTARIS PHARMA A/S

(72)Name of Inventor :

1)LIAO, BAISONG

2)ZHANG, YIXIAN

(57) Abstract :

The invention relates to pharmaceutical compositions for and methods of treatment with HER3-targeted combination therapy. The invention relates to pharmaceutical compositions comprising an oligomer which targets HER3 (and optionally one or more of HER2 and EGFR) mRNA in a cell, leading to reduced expression of HER3 and optionally HER2 and/or EGFR, and a small molecule protein tyrosine kinase inhibitor of one or more receptor tyrosine kinases, leading to inhibition of signaling and/or internalization of receptor dimers into the cell. The combination therapy is beneficial for a range of medical disorders, such hyperproliferative disorders (e.g., cancer). The invention provides methods of treating hyperproliferative disorders with a combination of an oligomer and a protein tyrosine kinase inhibitor.

No. of Pages : 157 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3133/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ENANTIOMERICALLY ENRICHED PROTON PUMP INHIBITORS

(51) International classification	:C07D401/12, A61K31/44, A61P1/04	(71)Name of Applicant : 1)LEK PHARMACEUTICALS D.D. Address of Applicant :VEROVSKOVA 57, 1526 LJUBLJANA Slovenia
(31) Priority Document No	:08166571.3	(72)Name of Inventor :
(32) Priority Date	:14/10/2008	1)MOHAR, BARBARA
(33) Name of priority country	:EPO	2)TOPLAK CASAR, RENATA
(86) International Application No	:PCT/EP09/063314	
Filing Date	:13/10/2009	
(87) International Publication No	:WO 2010/043601 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a process for the preparation of compounds having structures typical for proton pump inhibitors in enantiomerically enriched form by using particular metal catalysts in an enantioselective oxidation step. Also disclosed are useful further processes and pure intermediate and subsequently final products.

No. of Pages : 43 No. of Claims : 18

(54) Title of the invention : METHOD FOR GENERATING A DOWNWARD SOUND FORMAT

(51) International classification :H04S3/00
 (31) Priority Document No :10 2008 056 704.3
 (32) Priority Date :11/11/2008
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP09/007971
 Filing Date :07/11/2009
 (87) International Publication No :WO 2010/054780
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(57) Abstract :

In order to convert multi-channel sound formats, in particular five-channel sound formats with the following sound channels:- left channel (L) - right channel (R) - centre channel (C) - rear left channel (Ls) - rear right channel (Rs), into downward-compatible sound formats, in particular into two-channel sound formats with a right channel and a left channel, the following steps are proposed according to ITU-R BS.775: the level of the centre channel (C) is lowered (for example - 3 dB), the centre channel (C), the level of which has been lowered, is distributed to the left channel (L) so as to form a first sum signal (L), the level of the rear left channel (Ls) is lowered (for example by - 3 dB), the rear left channel (Ls), the level of which has been lowered, is distributed to the first sum signal so as to form the third sum signal which corresponds to the left channel (LIRT) of the two-channel sound format, the centre channel (C), the level of which has been lowered, is distributed to the right channel (R) so as to form a second sum signal (R), the level of the rear right channel (Rs) is lowered (for example by - 3dB), the rear right channel (Rs), the level of which has been lowered, is distributed to the second sum signal so as to form a fourth sum signal which corresponds to the right channel (RIRT) of the two-channel sound format. In order to largely compensate for a shift in the phantom sound sources, a change in the level difference between coherent and incoherent signal components and timbre changes, the invention provides for the spectral values of overlapping time windows to each be dynamically corrected with k samples of the left channel (L) and right channel (R) when forming the first sum signal (L) and the second sum signal (R) and for the spectral values of overlapping time windows to each be dynamically corrected with k samples of the first sum signal (L) and the second sum signal (R) when forming the third and fourth sum signals, and for each sum of the spectral values to be compared with a desired value (Asoll, where Asoll e R) before each dynamic correction of spectral values of the left channel (L) and right channel (R).

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3121/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DELTA COMPRESSION AFTER IDENTITY DEDUPLICATION

(51) International classification :G06F7/00
(31) Priority Document No :12/291,998
(32) Priority Date :14/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/005429
Filing Date :02/10/2009
(87) International Publication No :WO 2010/056265
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DATA DOMAIN LLC
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1)MARK HUANG, EDWARD K. LEE
2)KAI LI
3)PHILIP SHILANE
4)GRANT WALLACE
5)MING BENJAMIN ZHU

(57) Abstract :

Delta compression after identity deduplication is disclosed. A first data segment is determined to be identical to a first previous data segment. A second data segment, not determined to be identical to a second previous data segment, is then determined to be similar to a third previous data segment.

No. of Pages : 27 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3122/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HEDDLE

(51) International classification	:D03C9/04
(31) Priority Document No	:2008/0564
(32) Priority Date	:13/10/2008
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/BE09/000054
Filing Date	:13/10/2009
(87) International Publication No	:WO 2010/105314
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)VANDERJEUGT, BRAM

2)DELEU, FRANK

(57) Abstract :

The invention relates to a heddle (1), comprising an inserted heddle eyelet (2) with a passage opening (4) for a warp yarn, and an outer circumference (5) provided with an edge zone (50) along the edge lines (501), said edge lines being located alongside the inserted heddle eyelet (2) when seen in the longitudinal direction of the inserted heddle eyelet (2), and a metal carrier part (3) provided for attachment of the inserted heddle eyelet (2) such that, in attached state of the inserted heddle eyelet (2), this carrier part (3) consists of a part (3a) that is in contact with the outer circumference (5) of this inserted heddle eyelet (2) and 2 parts (3b) that extend outside the inserted heddle eyelet (2), wherein the carrier part (3) is carried out such that at least on one of the said sides (I, II) and at least at the transitions from the parts (3b) of this carrier part (3) that extend outside the inserted heddle eyelet (2) towards the part (3a) of this carrier part (3) that is in contact with the inserted heddle eyelet (2), it protrudes beyond the edge zone (50) and the outer circumference of the inserted heddle eyelet (2) is at least partly visible when the heddle (1) with the inserted heddle eyelet (2) in the attached state is viewed from the side, and in which the carrier part (3) is provided such that on each of the left-hand and/or right-hand side (I, II) where the carrier part (3) extends, on both the front side (III) and the rear side (IV) of the inserted heddle eyelet (2), the carrier part (3) protrudes with respect to the edge zone (50) in each case over at least a part of the length of the carrier part (3) when the heddle (1) with the inserted heddle eyelet (2) in the attached state is viewed from the side.

No. of Pages : 60 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3123/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF A COMPOUND PRODUCT WITH A SURFACE REGION OF A WEAR RESISTANT COATING, SUCH A PRODUCT AND THE USE OF A STEEL MATERIAL FOR OBTAINING THE COATING

(51) International classification	:B22F7/04, B22F3/15
(31) Priority Document No	:0850068-8
(32) Priority Date	:06/11/2008
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE09/051242
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/053431
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SANDBERG, ODD

(57) Abstract :

A wear resistant steel material, produced in a powder metallurgical manner, has the following composition in weight-%: and, further, 0.5 to 14 of (V + Nb/2), wherein the contents of N, on one hand, and of (V + Nb/2), on the other hand, are balanced in relation to each other so that the contents of said elements are within a range A, B, G, H, A in a perpendicular plane coordinate system, where the content of N is the abscissa and the content of V + Nb/2 is the ordinate, and where the coordinates for said points are: and max 7 of any of Ti, Zr, and Al; balance essentially only iron and unavoidable impurities. This steel is excellent for obtaining a wear resistant surface region on a substrate of a metallic material by hot isostatic pressing of the steel material of the substrate. Especially when the wear resistant steel is void of Co, the compound body obtained is especially suitable for use in e.g. valves for nuclear power plants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3138/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ISOCYANATE TRIMERISATION CATALYST SYSTEM, A PRECURSOR FORMULATION, A PROCESS FOR TRIMERISING ISOCYANATES, RIGID POLYISOCYANURATE/POLYURETHANE FOAMS MADE THEREFROM, AND A PROCESS FOR MAKING SUCH FOAMS

(51) International classification	:C08G18/18, C08G18/09, C08G18/16
(31) Priority Document No	:61/113,195
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US09/063731 :09/11/2009
(87) International Publication No	:WO 2010/054315 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)KEATON, RICHARD

4)BABB, DAVID

5)BOYER, CECILE

6)MORLEY, TIMOTHY

(57) Abstract :

The instant invention provides an isocyanate trimerisation catalyst system, a precursor formulation, a process for trimerising isocyanates, rigid foams made therefrom, and a process for making such foams. The trimerisation catalyst system comprises: (a) a phosphatrane cation; and (b) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3127/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR FAST CHANNEL CHANGE

(51) International classification	:H04N5/50, H03M13/27, H04L1/00
(31) Priority Document No	:12/266,263
(32) Priority Date	:06/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063192
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/053932 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)JIANG, HONG

2)MATTHEWS, KIM N.

3)WILFORD, PAUL, ALBIN

(57) Abstract :

Providing a fast channel change function in a digital television system by hierarchically modulating each channel to provide both high priority (long interleave) and low priority (short interleave) signals, wherein a receiver may rapidly demodulate and use information within the low priority signal of a new channel to more rapidly change to the new channel.

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

(54) Title of the invention : AN ISOCYANATE TRIMERISATION CATALYST SYSTEM, A PRECURSOR FORMULATION, A PROCESS FOR TRIMERISING ISOCYANATES, RIGID POLYISOCYANURATE/POLYURETHANE FOAMS MADE THEREFROM, AND A PROCESS FOR MAKING SUCH FOAMS

(51) International classification	:C08G18/18, C08G18/09, C08G18/16
(31) Priority Document No	:61/113,191
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063725
Filing Date	:09/11/2009
(87) International Publication No	:WO 2010/054311 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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The instant invention provides an isocyanate trimerisation catalyst system, a precursor formulation, a process for trimerising isocyanates, rigid foams made therefrom, and a process for making such foams. The trimerisation catalyst system comprises: (a) a substituted iminium cation; and (b) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73 °C. The precursor formulation comprises (1) at least 25 percent by weight of polyol, based on the weight of the precursor formulation; (2) less than 15 percent by weight of a trimerisation catalyst system, based on the weight of the precursor formulation, comprising: (a) a substituted iminium cation; and (c) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73 °C; and (4) optionally one or more surfactants, one or more flame retardants, water, one or more antioxidants, one or more auxiliary blowing agents, one or more urethane catalysts, one or more auxiliary trimerisation catalysts, or combinations thereof. The process for trimerisation of isocyanates comprises the steps of: (1) providing one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture of any thereof; (2) providing a trimerisation catalyst system comprising: (a) a substituted iminium cation; and (b) an isocyanate-trimer inducing anion; (c) wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73 °C; (3) trimerising said one or more monomers in the presence of said trimerisation catalyst; (4) thereby forming an isocyanurate ring. The process for making the PIR foam comprises the steps of: (1) providing one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture of any thereof; (2) providing polyol; (3) providing a trimerisation catalyst system comprising: (a) a substituted iminium cation; and (b) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73 °C; and (4) optionally providing one or more surfactants, one or more flame retardants, water, one or more antioxidants, one or more auxiliary blowing agents, one or more urethane catalysts, one or more auxiliary trimerisation catalysts, or combinations thereof; (5) contacting said one or more monomers, and said polyol, and optionally said one or more surfactants, and optionally said one or more flame retardants, and optionally said water, and optionally said one or more antioxidants, and optionally said one or more auxiliary blowing agents in the presence of said trimerisation catalyst system and optionally said one or more urethane catalysts, and optionally said one or more auxiliary trimerisation catalysts; (6) thereby forming said polyisocyanurate/polyurethane rigid foam. The PIR foam comprises the reaction product of one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture of any thereof with polyol in the presence of a trimerisation catalyst system comprising a substituted iminium cation, and an isocyanate-trimer inducing anion, and optionally one or more surfactants, optionally one or more flame retardants, optionally water, optionally one or more antioxidants, optionally one or more auxiliary blowing agents, optionally one or more additional urethane catalysts, and optionally one or more auxiliary trimerisation catalysts, or optionally combinations thereof, wherein the trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73 °C. The PIR foam comprises the reaction product of one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture of any thereof with polyol in the presence of a trimerisation catalyst system comprising a substituted iminium cation, and an isocyanate-trimer inducing anion, and optionally one or more surfactants, optionally one or more flame retardants, optionally water, optionally one or more antioxidants, optionally one or more auxiliary blowing agents, optionally one or more additional polyurethane catalysts, and optionally one or more auxiliary trimerisation catalysts, or optionally combinations thereof, wherein the PIR foam has a polyisocyanurate trimer ratio (Abs1410/Abs1595) of at least 5 at a depth of 12 mm from the rising surface of the rigid foam, measured via ATR-FTIR spectroscopy.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3129/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSITION METAL-CONTAINING ALUMINOSILICATE ZEOLITE

(51) International classification	:B01D53/94, B01J23/72, B01J29/072	(71)Name of Applicant : 1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY Address of Applicant :5TH FLOOR, 25 FARRINGDON STREET, LONDON EC4A 4AB U.K.
(31) Priority Document No	:0818887.2	(72)Name of Inventor :
(32) Priority Date	:15/10/2008	1)CHANDLER, GUY RICHARD
(33) Name of priority country	:U.K.	2)COLLINS, NEIL, ROBERT
(86) International Application No	:PCT/GB09/051361	3)FOO KOK SHIN, RODNEY
Filing Date	:13/10/2009	4)GREEN, ALEXANDER NICHOLAS MICHAEL
(87) International Publication No	:WO 2010/043891 A1	5)PHILLIPS, PAUL RICHARD
(61) Patent of Addition to Application Number	:NA	6)RAJARAM, RAJ, RAO
Filing Date	:NA	7)REID, STUART DAVID
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A synthetic alumino silicate zeolite catalyst containing at least one catalytically active transition metal selected from the group consisting of Cu, Fe, Hf, La, Au, In, V, lanthanides and Group VIII transition metals, which alumino silicate zeolite is a small pore aluminosilicate zeolite having a maximum ring size of eight tetrahedral atoms, wherein the mean crystallite size of the aluminosilicate zeolite determined by scanning electron microscope is >0.50 micrometer.

No. of Pages : 13 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3140/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IP BROADCAST RECEIVER APPARATUS

(51) International classification	:H04N7/173
(31) Priority Document No	:2008-265671
(32) Priority Date	:14/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/067463
Filing Date	:07/10/2009
(87) International Publication No	:WO 2010/044362
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SHIMIZU, TOSHINORI

3)WATANABE, RYUHSUKE

(57) Abstract :

There is provided an IP broadcast receiver apparatus capable of, even when the input of a stream is delayed, determining whether a stream is to be inputted later and displaying a picture when a stream is inputted. When the content providing side makes a request to set a streamstatus attribute to play in a display using BML, the IP broadcast receiver apparatus determines whether channel information has been acquired from an IP broadcast server. The IP broadcast receiver apparatus sets the streamstatus attribute to play if channel information has been acquired from the IP broadcast server and sets the streamstatus attribute to stop if channel information has not been acquired from the IP broadcast server.

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

(54) Title of the invention : AN ISOCYANATE TRIMERISATION CATALYST SYSTEM, A PRECURSOR FORMULATION, A PROCESS FOR TRIMERISING ISOCYANATES, RIGID POLYISOCYANURATE/POLYURETHANE FOAMS MADE THEREFROM, AND A PROCESS FOR MAKING SUCH FOAMS

(51) International classification	:C08G18/02, C08G18/09, C08G18/16
(31) Priority Document No	:61/113,193
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063728
Filing Date	:09/11/2009
(87) International Publication No	:WO 2010/054313
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ATHEY, PHILLIP**2)WILMOT, NATHAN****3)KEATON, RICHARD****4)BOYER, CECILE****5)MORLEY, TIMOTHY**

(57) Abstract :

The instant invention provides an isocyanate trimerisation catalyst system, a precursor formulation, a process for trimerising isocyanates, rigid foams made therefrom, and a process for making such foams. The trimerisation catalyst system comprises: (a) a phosphonium cation; and (b) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73°C. The precursor formulation comprises (1) at least 25 percent by weight of polyol, based on the weight of the precursor formulation; (2) less than 15 percent by weight of a trimerisation catalyst system, based on the weight of the precursor formulation, comprising: (a) a phosphonium cation; and (c) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73 °C; and (3) optionally one or more surfactants, one or more flame retardants, water, one or more antioxidants, one or more auxiliary blowing agents, one or more urethane catalysts, one or more auxiliary trimerisation catalysts, or combinations thereof The process for trimerisation of isocyanates comprises the steps of: (1) providing one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanate, oligomeric isocyanate, a salt of any thereof and a mixture of any thereof; (2) providing a trimerisation catalyst system comprising: (a) an phosphonium cation; and (b) an isocyanate-trimer inducing anion; (c) wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73 °C; (3) trimerising said one or more monomers in the presence of said trimerisation catalyst; (4) thereby forming an isocyanurate trimer. The process for making the PIR foam comprises the steps of (1) providing one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture of any thereof (2) providing polyol; (3) providing a trimerisation catalyst system comprising: (a) a phosphonium cation; and (b) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73°C; and (4) optionally providing one or more surfactants, one or more flame retardants, water, one or more antioxidants, one or more auxiliary blowing agents, one or more urethane catalysts, one or more auxiliary trimerisation catalysts, or combinations thereof (5) contacting said one or more monomers, and said polyol, and optionally said one or more surfactants, and optionally said one or more flame retardants, and optionally said water, and optionally said one or more antioxidants, and optionally said one or more auxiliary blowing agents in the presence of said trimerisation catalyst system and optionally said one or more urethane catalysts, and optionally said one or more auxiliary trimerisation catalysts; (6) thereby forming said polyisocyanurate/polyurethane rigid foam. The PIR foam comprises the reaction product of one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture of any thereof with polyol in the presence of a trimerisation catalyst system comprising a phosphonium cation, and an iso-cyanate-trimer inducing anion, and optionally one or more surfactants, optionally one or more flame retardants, optionally water, optionally one or more antioxidants, optionally one or more auxiliary blowing agents, optionally one or more additional urethane catalysts, and optionally one or more auxiliary trimerisation catalysts, or optionally combinations thereof wherein the trimerisation

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3149/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PNEUMATIC DRIVING MACHINE

(51) International classification	:B25C1/00, B25C1/04
(31) Priority Document No	:2008-265124
(32) Priority Date	:14/10/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP09/067965 :13/10/2009
(87) International Publication No	:WO 2010/044480 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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6)HIRAI, SHOUICHI

(57) Abstract :

The nailing machine (1) comprises an air passage (510) allowing communication between a cylinder (200) and a return air chamber (500) in which compressed air for returning a piston (300) to the initial position is accumulated. The air passage (510) is provided with a control valve (520) controlling entry of compressed air into the return air chamber (500) from the cylinder (200). The control valve (520) opens the air passage 510 and allows entry of compressed air into the return air chamber (500) in the case wherein the nailed object produces a small reaction force upon driving the nail, namely when the upward moving distance of the body (100) relative to the push lever (700) is smaller than a predetermined distance. The compressed air that has entered the return air chamber (500) further enters a below-the-piston chamber and serves as air damper, reducing excess energy absorbed by a piston bumper (360).

No. of Pages : 73 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3135/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ATTACHMENT FASTENER WITH A SEALING WASHER

(51) International classification :F16B19/00
(31) Priority Document No :08/57573
(32) Priority Date :07/11/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP09/007210
Filing Date :08/10/2009
(87) International Publication No :WO 2010/051896
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MOUCHET, STEVE

(57) Abstract :

The invention relates to an attachment fastener, comprising a body (1) extending in axial direction (A) with a head (2), a leg (3) and a flexible skirt-shaped collar (4) located between the head (2) and the leg (3), and an annular sealing ring (5) intended to guarantee sealing along a peripheral edge (42) of the collar (4), the sealing washer (5) has a lower face (57) directed towards the opposite side of the collar (4) with at least one annular lip or bead (55a, 55b, 55c) forming at least one first sealing line on the lower face (57) of washer (5), characterized in that said sealing washer (5) is designed to be mounted in removable manner on said peripheral edge (42) of the collar (5) and comprises an upper face (58) opposite to said lower face (57) forming an annular shoulder (54) which protrudes from the side of the collar (4) and on which rests said peripheral edge (42) of the collar (4), this annular shoulder (54) forms another sealing line on the upper face (58) of the washer (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3136/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : OPTICAL FIBERS

(51) International classification	:G02B6/44
(31) Priority Document No	:2009-067156
(32) Priority Date	:19/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/054436
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/107026
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TANAKA, HIROKI

3)MOCHIZUKI, KOUJI

(57) Abstract :

An optical fiber, which is less likely to increase its transmission loss even when it is exposed to a high-humidity environment or immersed in water, is provided. The optical fiber comprises a glass fiber and at least two coating layers (a soft layer and a hard layer) coated at the circumference of the glass fiber, wherein the limit-adhesion strength between the glass fiber and the coating layer under a hot and humid environment is 0.50N/10mm or more. Preferably, the glass-transition temperature of the hard layer is less than 90 ° C.

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3137/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 31/08/2012

□ 54) Title of the invention : ELECTRICAL ENERGY SAVING SYSTEM

(51) International classification	:H02J3/00, H02J3/01
(31) Priority Document No	:61/196,036
(32) Priority Date	:14/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/060666
Filing Date	:14/10/2009
(87) International Publication No	:WO 2010/045349 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)JOHNSON, JERRY, B.

(57) Abstract :

A system for conditioning the three-phase alternating current electric power, including a first phase, a second phase, a third phase, and a neutral line, supplied to a load includes a plurality of first surge arresters, a plurality of second surge arresters, a plurality of third surge arresters, a three-phase surge suppressor, and a plurality of capacitors. The surge arresters minimize the amount by which the voltage between two phases and the neutral line exceeds a rated value. The three-phase surge suppressor minimizes the amount by which the voltage between the three phases and the neutral line exceeds a rated value, The capacitors minimize the amount by which the voltage between two phases falls below a rated value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3153/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS

(51) International classification	:C11D3/20, C11D3/32, C11D3/33
(31) Priority Document No	:0818804.7
(32) Priority Date	:14/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB09/002447
Filing Date	:13/10/2009
(87) International Publication No	:WO 2010/043854 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LINGLER, STEFFEN

2)PREUSCHEN, JUDITH

(57) Abstract :

A dishwasher detergent composition comprising from 0.05 to 7.5 wt% of a surfactant and from 0.1 to 90 wt% of a compound of Formula 1;- wherein R is selected from the group consisting of -H, -CH₃, - CnH_{2n}CH₃/ -CnH_{2n}OH, -CnH_{2n}COOH4 -CnH_{2n}SO₃H, -CnH_{2n}NH₂, -CnH_{2n}NHR , - CnH_{2n}NR 21 -NHC (=O) -R and -CnH_{2n}PO (OR) 2; wherein n ≥ 1 ; and R is H, alkyl or aryl, and further wherein the composition comprises a bleach selected from inorganic peroxy compounds, organic peracids and salts derived there from. The compound of Formula 1 is biodegradable, stable to bleach and yet is an effective builder. The compositions of the invention can be readily formulated as tablet compositions if desired as the compound of Formula 1 is not overly hygroscopic.

No. of Pages : 27 No. of Claims : 25

(54) Title of the invention : ISOCYANATE TRIMERISATION CATALYST SYSTEM, A PRECURSOR FORMULATION, A PROCESS FOR TRIMERISING ISOCYANATES, RIGID POLYISOCYANURATE/POLYURETHANE FOAMS MADE THEREFROM, AND A PROCESS FOR MAKING SUCH FOAMS

(51) International classification	:C08G18/02, C08G18/18, C08G18/09
(31) Priority Document No	:61/113,196
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063733
Filing Date	:09/11/2009
(87) International Publication No	:WO 2010/054317 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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MICHIGAN 48674 U.S.A.**(72)Name of Inventor :****1)ATHEY, PHILLIP****2)WILMOT, NATHAN****3)KEATON, RICHARD****4)BABB, DAVID****5)BOYER, CECILE****6)MORLEY, TIMOTHY****(57) Abstract :**

The instant invention provides an isocyanate trimerisation catalyst system, a precursor formulation, a process for trimerising isocyanates, rigid foams made therefrom, and a process for making such foams. The trimerisation catalyst system comprises: (a) an imidazolium or imidazolinium cation; and (b) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73°C. The precursor formulation comprises: (1) at least 25 percent by weight of polyol, based on the weight of the precursor formulation; (2) less than 15 percent by weight of a trimerisation catalyst system, based on the weight of the precursor formulation, comprising: (a) an imidazolium or imidazolinium cation; and (c) an isocyanate-trimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73°C; and (3) optionally one or more surfactants, one or more flame retardants, water, one or more antioxidants, one or more auxiliary blowing agents, one or more urethane catalysts, one or more auxiliary trimerisation catalysts, or combinations thereof. The process for trimerisation of isocyanates comprises the steps of (1) providing one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanatetriisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture of any thereof, (2) providing a trimerisation catalyst system comprising: (a) an imidazolium or imidazolinium cation; and (b) an isocyanate-trimer inducing anion; (c) wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73°C; (3) trimerising said one or more monomers in the presence of said trimerisation catalyst; (4) thereby forming an isocyanurate trimer. The process for making the PR foam comprises the steps of: (1) providing one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanatetriisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture any thereof, (2) providing polyol; (3) providing a trimerisation catalyst system comprising: (a) an imidazolium or imidazolinium cation; and (b) an isocyanatetrimer inducing anion; wherein said trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73°C; and (4) optionally providing one or more surfactants, one or more flame retardants, water, one or more antioxidants, one or more auxiliary blowing agents, one or more urethane catalysts, one or more auxiliary trimerisation catalysts, or combinations thereof; (5) contacting said one or more monomers, and said polyol, and optionally said one or more surfactants, and optionally said one or more flame retardants, and optionally said water, and optionally said one or more antioxidants, and optionally said one or more auxiliary blowing agents in the presence of said trimerisation catalyst system and optionally said one or more urethane catalysts, and optionally said one or more auxiliary trimerisation catalysts; (6) thereby forming said polyisocyanurate/polyurethane rigid foam. The PIR foam comprises the reaction product of one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanatetriisocyanate, oligomeric isocyanate, a salt of any thereof, and a mixture any thereof with polyol in the presence of a trimerisation catalyst system comprising an imidazolium or imidazolinium cation, and an isocyanate-trimer inducing anion, and optionally one or more surfactants, optionally one or more flame retardants, optionally water, optionally one or more antioxidants, optionally one or more auxiliary blowing agents, optionally one or more additional urethane catalysts, and optionally one or more auxiliary trimerisation catalysts, or optionally combinations thereof wherein the trimerisation catalyst system has a trimerisation activation temperature in the range of equal to or less than 73°C. The PIR foam comprises the reaction product of one or more monomers selected from the group consisting of an isocyanate, a diisocyanate, a triisocyanatetriisocyanate, oligomeric isocyanate, a salt of any thereof and a mixture any thereof with polyol in the presence of a trimerisation catalyst system comprising an imidazolium or imidazolinium cation, and an isocyanate-trimer inducing anion, and optionally one or more surfactants, optionally one or more flame retardants, optionally water, optionally one or more antioxidants, optionally one or more auxiliary blowing agents, optionally one or more additional polyurethane catalysts, and optionally one or more auxiliary trimerisation catalysts, or optionally combinations thereof wherein the Plk foam has a polyisocyanurate trimer ratio (Abs1410/Abs1595) of at least 5 at a depth of 12 mm from the rising surface of the rigid foam, measured via ATR-FTTR spectroscopy.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3156/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD OF MANUFACTURING A ROTOR FOR A SCREENING APPARATUS, A ROTOR AND A TURBULENCE ELEMENT FOR A ROTOR

(51) International classification	:D21D5/02, B07B1/20, D21D5/06
(31) Priority Document No	:20085967
(32) Priority Date	:15/10/2008
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI09/050647
Filing Date	:05/08/2009
(87) International Publication No	:WO 2010/043756
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :72 QUEEN STREET, SHERBROOKE,
QUEBEC, JIM 2C3 Canada

(72)Name of Inventor :

1)HAMELIN, MATHIEU

(57) Abstract :

The present invention relates to a method of manufacturing a rotor for a screening apparatus and a rotor structure for a screening apparatus. The rotor structure of the invention is particularly suitable in screening fibre suspensions of the pulp and paper industry. The apparatus according to the invention relates to a novel rotor construction, and especially to a novel means of fastening a turbulence element on the rotor surface. The rotor (10) of the present invention is provided with easily replaceable turbulence elements (30) so that at least a part of the rotor surface is provided with at least one area (12) having a surface configuration different from the remaining rotor surface (14), on which area (12) the turbulence element (30) is fastened.

No. of Pages : 33 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3157/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHENETHYLAMIDE DERIVATIVES AND THEIR HETEROCYCLIC ANALOGUES

(51) International classification	:C07D213/63, C07D401/12, C07D235/04	(71)Name of Applicant : 1)ACTELION PHARMACEUTICALS LTD. Address of Applicant :GEWERBESTRASSE 16, CH-4123 ALLSCHWIL Switzerland
(31) Priority Document No	:PCT/IB2008/054218	(72)Name of Inventor :
(32) Priority Date	:14/10/2008	1)AISSAOUI, HAMED
(33) Name of priority country	:PCT	2)BOSS, CHRISTOPH
(86) International Application No	:PCT/IB09/054493	3)BROTSCHI, CHRISTINE
Filing Date	:13/10/2009	4)KOBBERSTEIN, RALF
(87) International Publication No	:WO 2010/044054 A1	5)SIEGRIST, ROMAIN
(61) Patent of Addition to Application Number	:NA	6)SIFTERLEN, THIERRY
Filing Date	:NA	7)TRACHSEL, DANIEL
(62) Divisional to Application Number	:NA	8)WILLIAMS, JODI, T.
Filing Date	:NA	

(57) Abstract :

The invention relates to novel phenethylamide derivatives and their heterocyclic analogues of formula (I), wherein A, B, R1, R2 and R3 are as described in the application, and to the use of such compounds, or of pharmaceutically acceptable salts of such compounds, as medicaments, especially as orexin receptor antagonists.

No. of Pages : 249 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3158/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF P4 O6 WITH IMPROVED YIELD

(51) International classification	:C01B25/12
(31) Priority Document No	:08168898.8
(32) Priority Date	:12/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/064988
Filing Date	:11/11/2009
(87) International Publication No	:WO 2010/055056
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SCHIPPER, WILLEM J

(57) Abstract :

A process for the production of a reaction product consisting essentially of P4O6 is carried out by reacting oxygen with phosphorus in an exothermic reaction in a reaction unit. Heat created by the exothermic reaction is removed by feeding P4O6 and/or by-products of the process into the reaction unit. The generated reaction product is then quenched to a lower temperature where no essential decomposition of the reaction product occurs, and at least part of P4O6 is separated from the reaction product obtained after quenching. The resulting yield of P4O6 based on the phosphorus used is improved and the heat of the exothermic reaction can be controlled in an economic way.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3159/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMMUNICATIONS METHODS AND APPARATUS RELATED TO PARTITIONED TRAFFIC SEGMENTS

(51) International classification	:H04W76/02, H04W48/08, H04W72/04
(31) Priority Document No	:12/267,945
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063294
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/054002 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ASHWIN SAMPATH

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4)RAJIV LAROA

(57) Abstract :

Methods and apparatus related to partitioning traffic segments are described. An access router, having concurrent connections with two access terminals and desiring to transmit traffic signals to the two access terminals in the same traffic segment, partitions a traffic segment. The partition is such that a first portion of the traffic segment is allocated to a first access terminal and a second portion of the traffic segment is allocated to the second access terminal. Control information, e.g., identifying partition portion assignments, data rate and/or coding information, is also communicated in the traffic segment as in-band control signaling. An access terminal, to which some of traffic signals are directed, receives and recovers the in-band control signaling, identifying its allocated partition portion of the traffic segment and identifying data rate and/or coding information used. The access terminal receives the traffic segment signals in its allocated partition portion and recovers the traffic information.

No. of Pages : 55 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3150/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : CLAMP FOR A MALE TERMINAL

(51) International classification	:H01R11/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT08/000645
Filing Date	:14/10/2008
(87) International Publication No	:WO 2010/044111
	A8
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)FALCHETTI, ANTONIO

(57) Abstract :

A clamp (1) for male terminal comprising a clamping ring (5) capable of inserting on a male terminal, two jaws (20, 21) connected to the clamping ring (5) and mutually approachable to tighten the clamping ring (5) on the male terminal, clamping means (30) acting on the jaws (5) to move them between a distant position and a close position along a clamping direction (X-X). The clamping means (5) comprise a clamping member rotating around a clamping axis (B-B) inclined with the respect to a plane (P) perpendicular to the axis (A-A) of the clamping ring (5). The clamp (1) further comprises guiding means (40) cooperating with a movable jaw to guide the movement of such movable jaw along the clamping direction (X-X) on said plane (P), between the distant position and the close position.

No. of Pages : 45 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3151/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : HETEROCYCLIC GAMMA SECRETASE MODULATORS

(51) International classification	:A61K31/4178, C07D401/12, C07D413/12	(71)Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :124 GRENZACHERSTRASSE, CH- 4070 BASEL Switzerland
(31) Priority Document No	:08168719.6	(72)Name of Inventor :
(32) Priority Date	:10/11/2008	1)BAUMANN, KARLHEINZ
(33) Name of priority country	:EPO	2)GOETSCHI, ERWIN
(86) International Application No	:PCT/EP09/064497	3)JOLIDON, SYNESE
Filing Date	:03/11/2009	4)LIMBERG, ANJA
(87) International Publication No	:WO 2010/052199 A1	5)LUEBBERS, THOMAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the use of compounds of formula wherein R1 is a five or six membered heteroaryl group, optionally substituted by one or two R; R is lower alkyl; R2 is hydrogen, lower alkyl, lower alkoxy, hydroxy, halogen or cyano; Z is N, C, O or S; V is N, C(R), O or S; W is N, C(R), O, or S; Y is NorC; with the proviso that only one of Z, V or W may be O or S; R is hydrogen, lower alkyl, lower alkyl substituted by halogen or hydroxy, or is C(O)O-R4; L is a bond, -(CR42)ž-, -C(O)NR4-, -C(O)NR4CH2-, or -C(O)-; R4 may be the same or different and is hydrogen or lower alkyl; R3 is lower alkyl, phenyl, optionally substituted by one or more R or is cycloalkyl; R is halogen, cyano, lower alkyl, lower alkyl substituted by halogen or hydroxy, or is lower lkoxy or is C(O)O-R4; n is 1,2 or 3; or to pharmaceutically active acid addition salts for the manufacture of medicaments for the treatment of Alzheimers disease, cerebral amyloid angiopathy, hereditary cerebral hemorrhage with amyloidosis, Dutch-type (HCHWA-D), multi-infarct dementia, dementia pugilistica or Down syndrome.

No. of Pages : 87 No. of Claims : 24

(54) Title of the invention : COPOLYMERS HAVING LONG-CHAIN ACRYLATES

(51) International classification	:C08F220/18, C08F220/32, C08L3/02	(71)Name of Applicant : 1)BASF SE Address of Applicant :67056, LUDWIGSHAFEN Germany
(31) Priority Document No	:08166596.0	(72)Name of Inventor :
(32) Priority Date	:14/10/2008	1)YAMAMOTO, MOTONORI
(33) Name of priority country	:EPO	2)LICHT, ULRIKE
(86) International Application No	:PCT/EP09/062810	3)SCHERZER, DIETRICH
Filing Date	:02/10/2009	
(87) International Publication No	:WO 2010/043505 A1	
(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 copolymers obtainable by free-radical polymerization of i) 10% to 90% by weight, based on the total weight of components i to iv, of at least one monomer selected from the group consisting of a C8-C30 alkyl (meth)acrylate, C8-C30 vinyl ester, C8-C30 vinyl ether, C8-C30 olefin, and triglyceride of unsaturated C8-C30 carboxylic acids; ii) 0.5% to 70% by weight, based on the total weight of components i to iv, of a double-bond-containing monomer having at least one epoxide, isocyanate, carbodiimide, silane, β -dicarbonyl, oxazoline, or anhydride group; iii) 0% to 75% by weight, based on the total weight of components i to iv, of one or more monomers selected from the group consisting of vinylaromatic, C1-C7-alkyl (meth)acrylate, ethylenically unsaturated acetophenone derivative or benzophenone derivative, C1-C7 vinyl ester, C1-C7 vinyl ether, ethylenically unsaturated nitrile, ethylenically unsaturated amide, vinyl halide, C2-C7 olefin, cyclic lactam, and mixtures of these monomers; and iv) 0% to 10% by weight, based on the total weight of components i to iv, of a free-radically polymerizable monomer with carboxylic acid, sulfonic acid or phosphonic acid groups or salts thereof. The invention further relates to polymer mixtures comprising these copolymers and also to the use of the copolymers as chain extenders, compatibilizers and/or hydrolysis stabilizers, to produce paper and cardboard, for surface finishing in the paper, textile, and leather industries, and in adhesives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3154/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS AND PROCESS FOR PACKAGING A POWDER

(51) International classification	:B65B31/02, B65B69/00, B65B39/08
(31) Priority Document No	:08017932.8
(32) Priority Date	:14/10/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/007338
Filing Date	:13/10/2009
(87) International Publication No	:WO 2010/043369 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DIETRICH, FREDERIC, JUN

(57) Abstract :

The invention is directed at a process for enabling the packaging of a powder (32), in particular a pharmaceutical product powder, comprising the steps of: a) Providing a first bag (9) from a flexible packaging material, b) fixing the opening (19) of the first bag (9) to a lower outlet (11) of a DCS (drum containment system) glove box (1), c) inside the DSC glove box (1) pulling a continuous liner (14) at a closed end of the liner (14) and inserting the liner (14) into the first bag (9), thus providing a second bag (16) inside the first bag (9), d) filling the second bag (16) with the powder (32), in particular through an upper opening of the DCS glove box (1), e) closing the second bag (16) by disconnecting the continuous liner (14), f) closing the first bag (9) and removing the first and second bags (9, 16) from the DSC glove box (1). Furthermore the invention is directed at an apparatus for performing the process.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3155/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : INSULATING CARTRIDGE

(51) International classification	:F22B 37/36, F16L59/02
(31) Priority Document No	:10 2008 056 987.9
(32) Priority Date	:12/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/007772
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/054752
	A2
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KNITT, ULRICH

(57) Abstract :

The invention relates to an insulating cartridge for use as part of a pipe jacket insulation, comprising a substantially closed sheet metal casing (5) which completely encloses an insulating material filling (7). The insulating cartridge (2) according to the invention is characterized in that the insulating material filling (7) comprises a silicate aerogel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3165/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE, METHOD, AND PROGRAM FOR PROCESSING IMAGE

(51) International classification	:H04N5/225, H04N5/265
(31) Priority Document No	:P2009-214765
(32) Priority Date	:16/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065329
Filing Date	:07/09/2010
(87) International Publication No	:WO 2011/033968 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :
1)NORIYUKI YAMASHITA
2)JUN HIRAI

(57) Abstract :

The present invention relates to an image processing device and method, and a program, whereby a subject image imaged in a more effective manner can be displayed. An imaging apparatus 11 images multiple imaged images P(1) through P(N) in a state turning with a turning center C11 as the center. The imaging apparatus 11 trims from each of the obtained multiple imaged images a region determined by a predetermined reference position in the imaged image as a strip-of-paper image, and arrays and synthesizes these strip-of-paper images, thereby generating a panorama image with a predetermined region on imaging space as a subject. The imaging apparatus 11 generates multiple panorama images while shifting a trimming position of a strip-of-paper image from the imaged image, thereby obtaining a panorama moving image made up of the multiple panorama images. According to this panorama moving image, a subject in an imaged image can be displayed with motion. The present invention can be applied to cameras.

No. of Pages : 109 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3166/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR ADJUSTING BRAKE SYSTEM OF VEHICLE IN EVENT OF COLLISION

(51) International classification	:B60T7/22, B60W50/08	(71)Name of Applicant : 1)ROBERT BOSCH GMBH Address of Applicant :POSTFACH 30 02 20, STUTTGART- 70442 Germany
(31) Priority Document No	:10 2008 042 962.7	(72)Name of Inventor : 1)CETINKAYA, FERAH
(32) Priority Date	:20/10/2008	2)EISELE, SYBILLE
(33) Name of priority country	:Germany	3)SCHMID, MICHAEL
(86) International Application No	:PCT/EP2009/060943	4)SCHAEFFLER, RALF
Filing Date	:25/08/2009	
(87) International Publication No	:WO 2010/046160 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a method for adjusting a brake system of a vehicle. The method includes building up braking power automatically in an event of a collision, and terminating the automatic building up of the braking power by a defined driver reaction. According to the present subject matter, the terminating of the automatic building up of the braking power is carried out when the driver maintains an actuation of an accelerator pedal of the vehicle with a defined pressure for a minimum actuation period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3167/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : HIGH-PRESSURE FUEL PUMP FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02M59/34
(31) Priority Document No :10 2008 043 237.7
(32) Priority Date :28/10/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/061724
Filing Date :10/09/2009
(87) International Publication No :WO 2010/049203
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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70442 Germany
(72)Name of Inventor :
1)SCHROEDER, BERND
2)PFUHL, BERTHOLD

(57) Abstract :

The present subject matter relates to a high-pressure fuel pump (10) for an internal combustion engine (9) with direct injection. The high-pressure fuel pump (10) includes a low-pressure region (12) and a quantity control device. According to the present subject matter, the quantity control device includes a control valve (28) that is disposed upstream from an inlet valve (22) of the high-pressure fuel pump (10). The control valve (28) has a first control position and at least one second control position, where the first control position differ from the second control position in their flow restriction effect.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3160/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : REDUCED JAMMING BETWEEN RECEIVERS AND WIRELESS POWER TRANSMITTERS

(51) International classification :H02J7/02
(31) Priority Document No :61/117,027
(32) Priority Date :21/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/065583
Filing Date :23/11/2009
(87) International Publication No :WO 2010/060062 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PHILIP D. COAN
2)STANLEY S. TONCICH

(57) Abstract :

Exemplary embodiments are directed to reducing jamming caused by radiated fields generated by wireless power transmitters. Exemplary embodiments include detecting a jamming condition of a wireless power receiving device resulting from a radiated field from a wireless power transmitter of a charging device. Such embodiments include synchronizing the wireless power coupling with communication of the wireless power receiving device. Synchronizing wireless power coupling may include wireless power coupling at a first level when the wireless power receiving device is expected to receive a signal on a communication channel. Synchronizing wireless power coupling may further include coupling at a higher rate when the wireless power receiving device is not expected to receive a signal on the communication channel.

No. of Pages : 36 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3170/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : VLPS PRESENTING TRIMERIC AND CONFORMATIONAL MOLECULES INCLUDING HIV-1 ENVELOPES, AND METHOD FOR MUCOSAL AND SUBLINGUAL IMMUNIZATION AGAINST HIV-1 USING THE SAME

(51) International classification :A61K39/21
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP08/063912
Filing Date :15/10/2008
(87) International Publication No :WO 2010/043259
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TORNESELLO, MARIA, LINA
(72)Name of Inventor :
1)BUONAGURO, FRANCO, MARIA
2)BUONAGURO, LUIGI
3)TORNESELLO, MARIA, LINA

(57) Abstract :

The present invention is directed to a method of expressing the human immunodeficiency virus (HIV-1) capsid protein coding sequence in a cell using an expression system under conditions facilitating expression of the protein in the cell. In another aspect of the invention, it has been designed a modified HIV-1 gp140 envelope protein made of the HIV-1 gp120 and the ectodomain of the gp41 linked at the NH2 with a signal sequence of the Honeybee Mellitin (HBMSS) and at the COOH with the trans-membrane region (TM) of the baculovirus gp64 (HBM-SC)SIPgp140-gp64TM). In one embodiment of the invention, there is provided a method of expressing the gag major capsid protein of HIV-1 and the HBM-SOSIPgp140- gp64TM in several expression systems, including Sf-9 insect cells using the baculovirus expression system, to obtain HIV virus-like particles (HBM-SC)SIPgp140-gp64TM-VLPs). It was further discovered that the HBM-SOSIPgp140-gp64TM-VLPs show antigenic characteristics similar to those of native infectious HIV-1 particles and are recognized by sera from HIV-1 seropositive individuals. In yet another embodiment, the invention provides a method of vaccinating a mammal for HIV-1 by administering HIV-1 virus-like particles mucosally (including sublingual) to a mammal in an amount sufficient to induce an immune response to the HIV-1.

No. of Pages : 30 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3171/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PRODUCING LOW COLOR GLYCOLS

(51) International classification	:C07C29/10, C07C31/20
(31) Priority Document No	:61/112,897
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/063070
Filing Date	:03/11/2009
(87) International Publication No	:WO 2010/053900
	A2
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)GONZALEZ, ABRAHAM

4)LENGYEL, ISTVAN

(57) Abstract :

The present invention provides a process for producing low color glycols that comprises altering at least one condition of a reaction component and/or process stream within the process to be unfavorable for the formation of at least one color-producing contaminant intermediate. As such, such intermediates may be reduced in concentration, or even eliminated entirely, from glycols produced by the process. Since they are not present, or are present in reduced number, the intermediates cannot form color-producing contaminants in the glycols, and low color glycols are provided to the customer.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3172/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND COMPOSITIONS FOR IMPROVING COGNITIVE FUNCTION

(51) International classification	:A61K31/19, A61K31/4015, A61P25/28
(31) Priority Document No	:61/105,847
(32) Priority Date	:16/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/005647
Filing Date	:16/10/2009
(87) International Publication No	:WO 2010/044878 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HABERMAN, REBECCA

3)KOH, MING TENG

(57) Abstract :

This invention relates to treating age-related cognitive impairment. This invention in particular relates to the use of inhibitors of synaptic vesicle protein 2A(SV2A), such as levetriacetam, seletracetam and brivaracetam, in improving cognitive function in subjects having or at risk for Mild cognitive Impairment (MCI), Age-related Cognitive Decline (ARCD) or Age - Associated Memory Impairment (AAMI)

No. of Pages : 123 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3161/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMMUNICATIONS DECISION METHODS AND APPARATUS

(51) International classification	:H04W72/08, H04W84/18, H04W72/10
(31) Priority Document No	:12/267,923
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/062888
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/053850 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)RAJIV LAROA

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4)XINZHOU WU

(57) Abstract :

Methods and apparatus for making communications decisions are described. In some embodiments, a method includes recovering a first quality of service level from a first transmission request signal directed to a second communications device, and making a decision whether or not to transmit traffic data to a third communications device based on the recovered first quality of service level. In other embodiments a method includes recovering a first quality of service level from a first transmission request signal, and making a decision whether or not to transmit a first transmission request response signal in response to a second transmission request signal based on the recovered first quality of service level. In some embodiments, the phase of the transmission request signal is used to communicate the quality of service level. The device transmitting the transmission request signal may also transmit pilots which can be used as phase reference signals.

No. of Pages : 68 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3162/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND APPARATUS FOR MAKING TRANSMITTER AND/OR RECEIVER COMMUNICATIONS DECISIONS

(51) International classification	:H04W74/08
(31) Priority Document No	:12/267,905
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062886
Filing Date	:30/10/2009
(87) International Publication No	:WO 2010/053849 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Methods and apparatus for making communications decisions are described. In some embodiments, a method includes recovering a quality of service level from a transmission request response signal and making a decision whether or not to transmit traffic data based on the recovered quality of service level. In other embodiments a method includes recovering a first quality of service level from a first transmission request response signal which is in response to a first traffic transmission request signal, and making a decision, based on the recovered first quality of service level, whether or not to transmit a second transmission request response signal in response to a second traffic transmission request signal. In some embodiments, the phase of the transmission request response signal is used to communicate the quality of service level. The device transmitting the transmission request response may also transmit pilots which can be used as phase reference signals.

No. of Pages : 70 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3163/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : DATA MAINTENANCE SYSTEM

(51) International classification :G06F12/00
(31) Priority Document No :61/119,148
(32) Priority Date :02/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/066206
Filing Date :01/12/2009
(87) International Publication No :WO 2010/065507 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ANTHONY YERACARIS
3)JOEL GOULD

(57) Abstract :

Maintaining data in a data management system (10) including at least one processor and a storage system (150) includes accessing a first data source (130) providing one or more source elements of data; accessing a storage system (120) storing one or more subsets of data, each subset including at least one element of data, and storing one or more descriptors identifying a data source for a subset and identifying a data source for each of one or more elements of the subset; and processing rules that determine if, according to the descriptors, an element in the storage system is allowed to be changed.

No. of Pages : 33 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3164/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : VISUALIZING RELATIONSHIPS BETWEEN DATA ELEMENTS AND GRAPHICAL REPRESENTATIONS OF DATA ELEMENT ATTRIBUTES

(51) International classification	:G06F3/048
(31) Priority Document No	:61/119,201
(32) Priority Date	:02/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/066390
Filing Date	:02/12/2009
(87) International Publication No	:WO 2010/065623
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ERIK BATOR
2)JOEL GOULD
3)DUSAN RADIVOJEVIC

(57) Abstract :

In general, metadata is stored in a data storage system (100). Summary data identifying one or more characteristics of each of multiple metadata objects stored in the data storage system is computed, and the summary data characterizing a given metadata object in association with the given metadata object is stored. A visual representation (200A) is generated of a diagram including nodes (300) representing respective metadata objects and relationships among the nodes. Generating the visual representation includes superimposing a representation (302) of a characteristic identified by the summary data characterizing a given metadata object in proximity to the node representing the given metadata object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3168/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : LOW-POWER GASEOUS PLASMA SOURCE

(51) International classification	:H03H1/46, H01J27/16, H01J37/08	(71)Name of Applicant : 1)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
(31) Priority Document No	:0857068	Address of Applicant :3, RUE MICHEL-ANGE, F-75794
(32) Priority Date	:17/10/2008	PARIS CEDEX 16 France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:PCT/FR09/051986	1)SORTAIS, PASCAL
Filing Date	:16/10/2009	2)LAMY, THIERRY
(87) International Publication No	:WO 2010/043831 A1	
(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 plasma source excited by a high-frequency signal comprising a first rod (3) forming a quarter-wave antenna surrounded with at least one parallel rod forming a coupler (6, 7, 8), substantially of same length as the first rod, set to a reference voltage, the coupler- forming rods being regularly distributed, radially, around the first rod, at a distance varying from approximately half to one twentieth of the quarter of the wavelength, the antenna and the couplers being oriented in a same, direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3169/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : RIGHT-ANGLE CONNECTOR HAVING A SHIELDING AND METHOD FOR PRODUCING THE SHIELDING OF THE RIGHT-ANGLE CONNECTOR

(51) International classification :H01R13/658
(31) Priority Document No :10 2008 056 586.5
(32) Priority Date :10/11/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/DE09/001483
Filing Date :22/10/2009
(87) International Publication No :WO 2010/051791
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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1)LAPPOHN, JURGEN

(57) Abstract :

The invention relates to a right-angle connector (20a, 20b), comprising a plurality of contact elements (50a, 50b) which are arranged next to one another and provided at the back of the right-angle connector (20a, 20b) for soldering to conductors of a printed circuit board (4), comprising an upper shielding (22a, 22b) ranged at least one the upper side of the right-angle connector (20a, 20b) and a lower shielding (34a, 34b) arranged on the lower side. The right-angle (20a, 20b) according to the invention is characterized in that the lower shielding (34a, 34b) contains a lower shielding element (36a, 36b) on the connector side, the shielding surface (37a, 37b) of said element being oriented in the connecting direction (28), the lower shielding (34a, 34b) furthermore contains a separate, rear lower shielding element (38a, 38b), and the lower shielding elements (36a, 36b, 38a, 38b) are electrically connected to each other. The method according to the invention for producing the right-angle connector (20a, 20b) uses a laser weld connection for at least the two lower shielding elements (36a, 36b, 38a, 38b). The right-angle connector (20a, 20b) according to the invention allows high-frequency signals to be conducted with high signal quality and high signal integrity. The shielding of the right angle connector (20a, 20b) according to the invention can be produced in a cost-effective manner with the method according to the invention.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3180/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : ALPHA HELIX MIMETICS IN THE TREATMENT OF CANCER

(51) International classification :C07D487/04,
A61K31/519, A61K31/53
(31) Priority Document No :61/105,088
(32) Priority Date :14/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2009/068085
Filing Date :14/10/2009
(87) International Publication No :WO 2010/044485 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ODAGAMI, TAKENAO

(57) Abstract :

Alpha-helix mimetic structures and compounds represented by the formula (I) wherein the general formula and the definition of each symbol are as defined in the specification, a compound relating thereto, and methods relating thereto, are disclosed. Applications of these compounds in the treatment of medical conditions, e.g., cancer diseases, fibrotic diseases, and pharmaceutical compositions comprising the mimetics are further disclosed.

No. of Pages : 251 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3181/CHENP/2011 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPIRO-5,6-DIHYDRO-4H-2,3,5,10B-TETRAAZA-BENZO[E]AZULENES

(51) International classification	:C07D487/10, A61K31/4196, A61K31/435	(71)Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASEL Switzerland
(31) Priority Document No	:08169028.1	(72)Name of Inventor :
(32) Priority Date	:13/11/2008	1)BISSANTZ, CATERINA
(33) Name of priority country	:EPO	2)GOETSCHI, ERWIN
(86) International Application No	:PCT/EP09/064565	3)JAKOB-ROETNE, ROLAND
Filing Date	:04/11/2009	4)MASCIADRI, RAFFAELLO
(87) International Publication No	:WO 2010/054961	5)PINARD, EMMANUEL
	A1	6)RATNI, HASANE
(61) Patent of Addition to Application Number	:NA	7)ROGERS-EVANS, MARK
Filing Date	:NA	8)SCHNIDER, PATRICK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is concerned with spiro-dihydrotetraazabenzazulene derivatives, i.e. spiro-5,6-dihydro-4H-2,3,5,10b-tetraaza-benzo[e]azulene derivatives of formula I wherein R1, R2, R3, X, Y, Z, m and n are as described herein. The compounds according to the invention act as Via receptor modulators and are useful as therapeutics acting peripherally and centrally in the conditions of dysmenorrhea, male or female sexual dysfunction, hypertension, chronic heart failure, inappropriate secretion of vasopressin, liver cirrhosis, nephrotic syndrome, anxiety, depressive disorders, obsessive compulsive disorder, autistic spectrum disorders, schizophrenia, and aggressive behavior.

No. of Pages : 74 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3176/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : POT TENDING MACHINE FOR WORKING ON ELECTROLYSIS CELLS FOR THE PRODUCTION OF ALUMINUM BY IGNEOUS ELECTROLYSIS

(51) International classification	:C25C7/08, C25C3/06, C25C3/10
(31) Priority Document No	:08 05719
(32) Priority Date	:16/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/001095
Filing Date	:15/09/2009
(87) International Publication No	:WO 2010/031919 A8
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WATTEL, ARNAUD

2)DAVID, STEPHANE

(57) Abstract :

Pot tending machine (3) for a series of electrolysis cells (2) designed for the production of aluminum by igneous electrolysis including: a) an overhead traveling crane (4) which can be relocated above said electrolysis cells, b) a tool carriage (6) onto which is fixed a service module comprising tools (10); c) a tapping winch (13), interdependent of said overhead traveling crane, designed to grasp and position near cell (2) a tapping assembly including a ladle (40), a tapping tube (41) and a vacuum device; d) a freestanding device (50, 50) able to generate compressed air; characterized in that said compressed air generating device of includes a first compressor (50), able to provide a flow of compressed air at least equal to the minimum air flow necessary for operations other than tapping, and at least one second compressor (50) mounted in such a way that, when operating simultaneously with said first compressor, the unit provides a flow of compressed air at least equal to the minimum output of air necessary during tapping.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3177/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPRAYING METHOD AND NOZZLE FOR ATOMIZATION OF A LIQUID

(51) International classification	:B05B7/04, B01J2/16	(71)Name of Applicant :
(31) Priority Document No	:08018123.3	1)UREA CASALE S.A.
(32) Priority Date	:16/10/2008	Address of Applicant :VIA GIULIO POCOBELLI, 6, CH-
(33) Name of priority country	:EPO	6900 LUGANO-BESSO Switzerland
(86) International Application No	:PCT/EP2009/061590	(72)Name of Inventor :
Filing Date	:08/09/2009	1)BEDETTI, GIANFRANCO
(87) International Publication No	:WO 2010/043450	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for atomizing a liquid (L) in a spraying nozzle (1), wherein a gaseous phase (G) and said liquid (L) are fed to a mixing chamber (30) inside said nozzle (1), obtaining an emulsion of the gas in the liquid, the emulsion being under pressure inside said chamber and formed by gas bubbles enveloped by the liquid in a film state; the speed of the gaseous phase at the inlet of the mixing chamber is around the speed of sound or greater, and the atomized liquid is obtained by an expansion of said emulsion at the outlet of said chamber. A suitable nozzle (1) is also disclosed, comprising a mixing chamber (30) and a distribution device (D) adapted to provide appropriate gas and liquid feed to form said emulsion.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3178/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : MELANOCORTIN RECEPTOR AGONISTS

(51) International classification

:C07D403/14

(31) Priority Document No

:10-2008-0112403

(32) Priority Date

:12/11/2008

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR09/006568

Filing Date

:10/11/2009

(87) International Publication No

:WO 2010/056022
A2

(61) Patent of Addition to Application
Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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4)AHN, IN AE

5)CHOI, SUNG PIL

6)LEE, HYUN HO

7)SHIM, DONG SUP

8)CHUNG, SOO YONG

9)LEE, HYUN MIN

(57) Abstract :

The present invention relates to a compound having a good agonistic activity to melanocortin receptor, or pharmaceutically acceptable salt or isomer thereof, and an agonistic composition for melanocortin receptor comprising the same as an active ingredient.

No. of Pages : 76 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3179/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : STATION SIDE DEVICE AND OPTICAL COMMUNICATION SYSTEM

(51) International classification :H04L12/44

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP09/001410
Filing Date :27/03/2009

(87) International Publication No :WO 2010/109542
A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)OSUGI, MORITOMO

(57) Abstract :

In multicast transfer in a PON system, in order to reduce the possibility that an OLT 2 has failed in getting some report messages from terminal devices 6 because of lack of its processing capability and to reduce the waste of the band due to useless transmission of multicast packets, which is caused by a delay in reporting that a terminal device 6 has left a multicast group, by taking into consideration both the message processing capability of the OLT 2 and the number of ONUs each of which has terminal devices 6 being subordinate thereto and belonging to the same multicast group, the OLT 2 dynamically changes the longest response time included in a G-Query message or an S-Query message to control the timing at which a terminal device 6 transmits a report message.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3512/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROPPANT

(51) International classification	:C09K8/80, C09K8/62
(31) Priority Document No	:61/109,226
(32) Priority Date	:29/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/064244
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/049467
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF

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(72)Name of Inventor :

1)TANGUAY, CHRISTOPHER, M.

2)ERICKSON, JOHN

3)MANEA, VICTORIA

4)HUARNG, JYH-CHIARNG

5)KUMAR, RAJESH

6)ALEMDAROGLU, FIKRI EMRAH

(57) Abstract :

A proppant comprises a particle and a polycarbodiimide coating disposed on the particle. The polycarbodiimide coating comprises the reaction product of a polymeric isocyanate and a monomeric isocyanate, in the presence of a catalyst. A method of forming the proppant comprises the steps of providing the particle, providing the polymeric isocyanate, providing the monomeric isocyanate, providing the catalyst, reacting the polymeric isocyanate and the monomeric isocyanate in the presence of the catalyst to form the polycarbodiimide coating, and coating the particle with the polycarbodiimide coating.

No. of Pages : 57 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3175/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : FACETED METAL SUSPENDED CEILING

(51) International classification	:E04B9/18, E04B9/28
(31) Priority Document No	:12/252,382
(32) Priority Date	:16/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058128
Filing Date	:24/09/2009
(87) International Publication No	:WO 2010/044996 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)USG INTERIORS, INC.
Address of Applicant :550 W. ADAMS STREET, CHICAGO, IL 60661-3676 U.S.A.
(72)**Name of Inventor :**
1)BANKSTON, JOHN, D.

(57) Abstract :

A non-planar suspended panel system comprising a metal grid formed of curved main runners and straight cross runners extending between the main runners, a plurality of panels supported on the grid, the panels each having flat major faces with quadrilateral profiles, the edges of a panel being aligned with a pair of main runners and a pair of cross runners, each panel having flanges at its edges extending between its flat face and the runners in a manner that disposes the plane of its flat face generally parallel to chordal lines in the planes of the main runners between the intersections of the associated cross runners and main runners, whereby the panel system extends over a three dimensional surface and the surface is formed of a multitude of facets each formed by one of said panels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3380/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :15/06/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : A POWER SUPPLY HAVING TWO INVERTERS IN SERIES FOR A POLYPHASE ELECTROMECHANICAL ACTUATOR

(51) International classification	:H02M7/5387, H02P27/06
(31) Priority Document No	:0610862
(32) Priority Date	:13/12/2006
(33) Name of priority country	:France
(86) International Application No	:PCT/FR07/02013
Filing Date	:07/12/2007
(87) International Publication No	:WO 2008/087270 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MESSIER-BUGATTI-DOWTY
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VILLACOUBLAY France
(72)**Name of Inventor :**
1)MATT, DANIEL,
2)JAC, JULIEN,
3)ZIEGLER, NICOLAS,

(57) Abstract :

The invention relates to a power supply having two inverters (A, B) in series for powering an electromechanical actuator having an electric motor including a plurality of windings (R1, R2, R3) forming phases, each inverter being connected to its own ground (50; 51) and having a voltage source (U1; U2) having as many arms (A1, A2, A3; B1, B2, B3) connected thereacross as there are windings to be powered, each arm including two controlled switches (5, 6) connected in series, with a point therebetween being provided for connection to one end of one of the windings. According to the invention, each inverter includes an additional arm (A4; B4) having two controlled switches, the two additional arms being interconnected by a bridge (7) that is connected to each of the additional arms at a point that is situated between the switches.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4469/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ROTATING ELECTRIC MACHINE AND STATOR THEREOF

(51) International classification	:H02K1/32, H02K3/487
(31) Priority Document No	:2008-301924
(32) Priority Date	:27/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006397
Filing Date	:26/11/2009
(87) International Publication No	:WO 2010/061611 A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA TOSHIBA

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MINATO-KU, TOKYO Japan

(72)Name of Inventor :

1)KABATA, YASUO

2)FUJITA, MASAFUMI

3)MATSUYAMA, KOJI

4)GUNJI, YUUICHIRO

(57) Abstract :

Multiple radially extending inner spacers (4T, 4S) are provided in a stator core (1) at a distance from each other in the circumferential direction at intervals between a prescribed number of stacked magnetic steel plates, and ventilation ducts (5a, 5b) for cooling gas flow are formed in the radial direction. The perimeter of each ventilation duct (5a, 5b) is defined by the inner spacers (4T, 4S) and a magnetic steel plate (9) separated by the inner spacers. The cooling gas, which flows in the rotor direction of rotation, is split laterally to both sides of a rotor coil (7) and directed toward the outer circumference. Portions of the shoulder parts of a wedge (8) are cut off such that the width of the shoulder parts of the wedge (8) at positions corresponding to the ventilation ducts (5a, 5b) roughly matches the slot width. As a result, pressure loss in the ventilation ducts of the stator core is reduced, and the stator coil and the stator core can be cooled efficiently.

No. of Pages : 51 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.449/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : SWING DRIVE SYSTEM FOR CRANES

(51) International classification

:B66C

(31) Priority Document No

:61/155,414

(32) Priority Date

:25/02/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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MANITOWOC, WI 54221 U.S.A.

(72)Name of Inventor :

1)KAISER, JOSEPH R

2)PLEUSS, ALAN, E

(57) Abstract :

A crane includes i) a lower structure comprising ground engaging members ii) an upper structure rotatably connected to the lower structure such that the upper structure can swing with respect to the lower structure, wherein one of the lower structure and upper structure comprises a first structure having a ring gear having teeth on a surface thereof, and the other of the lower structure and upper structure comprises a second structure; and iii) a boom pivotally mounted on the upper structure. The crane further includes a drive system comprising at least two pinion gears mounted on a common frame and in driving contact with the ring gear teeth; and a link connecting the frame to the second structure with two pivot axes between the frame and the second structure.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3027/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOUNTING MAT AND POLLUTION CONTROL DEVICE WITH THE SAME

(51) International classification	:D04H1/42, B01D53/34, B01D53/94	(71)Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(31) Priority Document No	:61/110,694	
(32) Priority Date	:03/11/2008	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US09/062188	1)DE ROVERE, ANNE, N.
Filing Date	:27/10/2009	2)LALOUCHE, LAHOUSSE
(87) International Publication No	:WO 2010/062588 A1	3)MERRY, RICHARD, P.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Non-woven mat including magnesium aluminum silicate glass fibers and amorphous refractory ceramic fibers, bio-soluble ceramic fibers, and/or heat-treated silica fibers. Embodiments of the nonwoven mat surprisingly have a Resiliency Value after three thermal cycles from 25°C to 700°C/400°C of the Real Condition Fixture Test at least 1.1 times greater than the Resiliency Value of a comparable non-woven mat consisting of any individual type of fibers of the non-woven mat. The non-woven mats are useful, for example, in pollution control devices and other thermal insulation applications.

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4428/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : ULTRASONIC TRANSDUCER FOR USE IN A FLUID MEDIUM

(51) International classification :G10K9/22
(31) Priority Document No :10 2008 055 126.0
(32) Priority Date :23/12/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/065290
Filing Date :17/11/2009
(87) International Publication No :WO 2010/072470
A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HORSTBRINK, MICHAEL
4)LANG, TOBIAS
5)RADWAN, SAMI
6)KUENZL, BERND
7)WANJA, ROLAND

(57) Abstract :

The invention relates to an ultrasonic transducer (110) for use in a fluid medium. The ultrasonic transducer (110) comprises at least one piezoelectric transducer element (138) and at least one adapting body (140) for facilitating oscillation injection between the piezoelectric transducer element (138) and the fluid medium. The ultrasonic transducer (110) also comprises a housing (112), wherein the piezoelectric transducer element (138) is inserted into the housing (112). The housing (112) has at least one opening (122) which faces the fluid medium, wherein the adapting body (140) is at least partially inserted into the opening (122). The ultrasonic transducer (110) also has at least one sealing element (146) which seals at least one intermediate space (158) between the adapting body (140) and the housing (112) in such a manner that an internal space (128) of the housing (112) is at least largely sealed with respect to the fluid medium.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4492/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :29/07/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL -LACTAM DERIVATIVES, SALTS AND METHODS THEREOF □

(51) International classification	:A61K31/545, A61K31/155, A61P31/04
(31) Priority Document No	:07101519.2
(32) Priority Date	:31/01/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2008/051214
Filing Date	:31/01/2008
(87) International Publication No	:WO/2008/092928
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)LINDEQUIST Ulrike

3)MIKOLASCH Annett

4)WITT Sabine

5)SCHAUER Frieder

6)OHME Roland

(57) Abstract :

The invention relates to novel antimicrobial agents that are based on -lactam derivatives and are produced by reacting previously known -lactam derivatives with polyphenol oxidase substrates under the influence of free radicals and by forming salts of any -lactam derivatives with polyhexamethylene biguanide hydrogen carbonate. Said novel compounds are suitable as an antibiotic.

No. of Pages : 67 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.687/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :15/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : BOSWELLIA OIL, ITS FRACTIONS AND COMPOSITIONS FOR ENHANCING BRAIN FUNCTION

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAILA NUTRACEUTICALS
(32) Priority Date	:NA	Address of Applicant :40-15-14 BRINDAVAN COLONY,
(33) Name of priority country	:NA	VIJAYAWADA-520 010 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOKARAJU GANGA RAJU
(87) International Publication No	: NA	2)GOKARAJU RAMA RAJU
(61) Patent of Addition to Application Number	:NA	3)GOKARAJU VENKATA KANAKA RANGA RAJU
Filing Date	:NA	4)GOLAKOTI, TRIMURTULU
(62) Divisional to Application Number	:NA	5)BHUPATHIRAJU, KIRAN
Filing Date	:NA	

(57) Abstract :

The present invention discloses non-acidic extract/fraction selected from Boswellia low polar gum resin extract fraction (BLPRE), Boswellia volatile oil fraction (BVOIL) and Boswellia oil fraction (BOIL) derived from the gum resin of Boswellia species and their compositions for improving memory/mental condition, enhancing brain/mental functions such as cognition, memory, learning, communication and brain health, for treating impaired memory, and for preventing, control or treating memory and cognition related disorders/diseases.

No. of Pages : 54 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.963/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :19/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : NON-STOP UNWINDING DEVICE WITH LIMITED BULK FOR ROLLS OF WEB-LIKE MATERIAL

(51) International classification	:B65H16/04
(31) Priority Document No	:MI2007A001497
(32) Priority Date	:25/07/2007
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2008/002019
Filing Date	:23/07/2008
(87) International Publication No	:WO 2009/013615
	A3
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BRATESAGHI, ANGELO

2)PEREGO, ROBERTO

(57) Abstract :

An unwinding device (10) is described for unwinding rolls (12, 14) of one-ply or two-ply web- like material (24). The device (10) comprises: a support group for sustaining a first roll (12) and a second roll (14), the support group being composed of a support pin (16) for each roll (12, 14), the support pins (16) being bound on two opposite sides of a vertical column (18) made integral with the base (20) of the unwinding device (10); an unwinding mechanism (22) for each roll (12, 14), adapted to unwind the web- like material (24) from the rolls (12, 14); a joining mechanism (26), adapted to join specific web-like material portions (24) together that respectively come from the first roll (12) and from the second roll (14). One of the support pins (16) is bound to the vertical column (18) at a height (Hi), measured with respect to the base (20), that is different from the height (H2) of the second support pin (16) bound on the opposite side of the vertical column (18), so as to limit the thickness of the vertical column (18) along with the width of the unwinding device (10) as much as possible.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3939/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/12/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM FOR GENERATION OF GENERALIZED MOMENT PATTERNS

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL INSTITUTE OF INFORMATION
(32) Priority Date	:NA	TECHNOLOGY-HYDERABAD(IIT-H)
(33) Name of priority country	:NA	Address of Applicant :GACHIBOWLI, HYDERABAD 500
(86) International Application No	:NA	032 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SIVASWAMY JAYANTHI
(61) Patent of Addition to Application Number	:NA	2)MEDATHATI, NAGA VENKATA KARTHEEK
Filing Date	:NA	3)KRISHNAMURTHY, SAI DEEPAK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method to capture contextual information in an image and compute feature descriptors for describing the captured contextual information have been disclosed. The system captures an image context effectively by combining information from across the region of interest in an image by inducing different types of motion. Generalized moment patterns are created by performing mathematical operations on this combined information and forms the basis for computing feature descriptors. These computed feature descriptors are generic and can be applied in varied computer vision and image processing applications including image classification, image matching, salient point detection, scene analysis or understanding, object detection, abnormality detection and the like.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3856/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :03/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SURFACE TEXTURED IMPLANTS

(51) International classification	:A61F2/06
(31) Priority Document No	:61/111,833
(32) Priority Date	:06/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063277
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/053991 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BIOSENSORS INTERNATIONAL GROUP, LTD.
Address of Applicant :CLARENDON HOUSE, 2 CHURCH STREET, HAMILTON HM 11 Bermuda
(72)**Name of Inventor :**
1)SU, SHIH-HORNG
2)CHEN, FUH-SHENG
3)DUTTA, DEVABASHIS

(57) Abstract :

Devices and methods for controlling the flaking of coating fragments from medical implants and improving the delivery of therapeutic agents from such coatings are described.

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4566/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR IMPROVING CROSSTALK ATTENUATION WITHIN A PLUG/JACK CONNECTION AND BETWEEN NEARBY PLUG/JACK COMBINATIONS

(51) International classification :H01R24/00
(31) Priority Document No :61/119,231
(32) Priority Date :02/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/066336
Filing Date :02/12/2009
(87) International Publication No :WO 2010/065588 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PANDUIT CORP.
Address of Applicant :17301 SOUTH RIDGELAND AVENUE, TINLEY PARK, ILLINOIS 60477 U.S.A.
(72)**Name of Inventor :**
1)STARAKA, FRANK, M.
2)TELLAS, RONALD, L.
3)GERMAN, JASON, J.
4)VATIKUS, VYTAS, J.

(57) Abstract :

This application describes a jack for improving crosstalk attenuation. The jack has a housing, a foil at least partially surrounding the housing, a printed circuit board, and at least one pair of insulation displacement contacts and vias. Each pair of insulation contacts and vias are associated with a differential signal. A conductive trace stub is routed on the printed circuit board near the edge of the board in order to at least partially balance the coupling from one of the insulation displacement contacts and vias of a pair to the foil with the other insulation displacement contact and via of the pair.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.692/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :15/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : PREPARATION OF FOSAMPRENAVIR CALCIUM

(51) International classification	:CO7D209/00
(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)Dr. ReddyTMs Laboratories Limited

Address of Applicant :Dr. ReddyTMs Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh India

2)Dr.ReddyTMs Laboratories Inc.

(72)Name of Inventor :

1)Mandava Venkata Naga Brahmeshwara Rao

2)Praveen Cherukupally

3)Ganesh Varanasi

4)Areveli Srinivas

5)Chandra Sekhar Vempati

6)N. Ramakrishna Reddy

(57) Abstract :

Process for preparation of fosamprenavir and its intermediate salts using novel pthalimide intermediates.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.756/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :22/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : TORQUE MULTIPLIER SYSTEM IN MOTORCYCLES

(51) International classification

:F16D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED

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

(72)Name of Inventor :

1)RANJIT PHALTANE

2)PATTABIRAMAN VENUGOPALAN

(57) Abstract :

A transmission system for two-wheelers characterised by a clutch actuation system and a gear actuation system, wherein the said gear actuation system comprises of an electric motor (8) having an output shaft (9) with a worm gear arrangement (12).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.766/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :02/04/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD OF IN-PLACE VISUALIZATION OF SENSED DATA AND A SYSTEM THEREOF

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :BANGALORE - 560012 Karnataka
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIJAY NATARAJAN
(87) 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 for in-place visualization of sensed data is provided. The system includes a formable sheet comprising a display and sensors embedded within the sheet underneath the display. The display will display information relating to sensed data on a portion of the display corresponding to locations of the sensors located underneath the display. As a result, the display displays the information above or directly above the sensors that output data.

No. of Pages : 31 No. of Claims : 11

AMENDMENT UNDER SEC. 57 (KOLKATA)

(01)

An application for change in the address for service of the Patentee from M/S. D. P. AHUJA & CO., 53, SYED AMIR ALI AVENUE, KOLKATA – 700 019 **TO M/S. SINGH & ASSOCIATES, N-30, MALVIYA NAGAR, NEW DELHI – 110 017** in respect of Patent No .212600 (501/KOLNP/2005) was filed . Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

(02)

An application for change in the address for service of the Patentee from M/S. OBHAN & ASSOCIATES, 501/7 LANE W – 21 A, WESTERN AVENUE, SAINIK FARMS, NEW DELHI – 10 062 **TO M/S. SINGH & ASSOCIATES, N-30, MALVIYA NAGAR, NEW DELHI – 110 017** in respect of Patent No .222941 (998/KOLNP/2005) was filed . Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

PUBLICATION U/S 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (DELHI)

Notice is hereby given that any person interested in opposing the following application for restoration of Patent under Section 60 of the Patent Act, 1970 may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patent at the appropriate office on the prescribed form 14 under Rule 85 of the Patent Rules, 2003

PATENT NO.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
217699	INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA)(France)	"A NUTRITIONAL COMPOSITION FOR PREVENTING DISORDERS LINKED TO AN IMBALANCE IN THE RELATIONSHIP BETWEEN BONE FORMATION AND BONE RESORPTION	27/06/2011	DELHI
241543	FRESHWATER ENVIRONMENTAL MANAGEMENT PTY LTD.(Australia)	AN AQUATIC HARVESTER FOR AN AQUATIC CRAFT	21/08/2011	DELHI
246542	UOP LLC(U.S.A.)	A METHOD TO PRODUCE LUBE BASESTOCK	03/06/2011	DELHI
214857	BHARAT HEAVY ELECTRICALS LIMITED,(India)	A DEVICE FOR REDUCTION OF WEAR IN BENDS CARRYING PARTICULATE FLOW.	05/03/2011	DELHI
193561	BHARAT HEAVY ELECTRICALS LIMITED(India)	A FIRE EXTINGUISHING SYSTEM FOR GAS BLOW-OUTS	08/03/2011	DELHI
218101	BHARAT HEAVY ELECTRICALS LIMITED (India)	A METHOD OF BRAZING OF FLATTENED FORMED TUBES WITH A SHEET SUBSTRATE IN HEAT EXCHANGER PANELS	15/03/2011	DELHI
247434	CERATIZIT AUSTRIA GESELLSCHAFT m.b.H.(Austria)	METHOD FOR PRODUCING A HARD METAL PROJECTION	07/07/2011	DELHI

PUBLICATION U/R 84 (3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (CHENNAI)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
244259	M/S. CENTRON ENERGY CORPORATION	A DIESEL FUEL COMPOSITION WITH CONTROLLED POLLUTION EMISSION AND A METHOD OF PREPARING IMPROVED DESEL FUELS WITH CONTROLLED POLLUTION EMISSION	25/02/2011	CHENNAI
210256	SHRI. N. KALIDAS, SHRI. N. BHANUMATHIDAS; SHRI.PENUMATCHA VENKATA RAMACHANDRA RAJU	A NOVEL PRODUCTION PROCESS TO INVIGORATE THE CHARACTERISTIC STRENGTHS OF VARIOUS HYDRAULIC CEMENT COMPOSITIONS	02/06/2011	CHENNAI
216684	SHRI. N. KALIDAS, SHRI. N. BHANUMATHIDAS; SHRI.PENUMATCHA VENKATA RAMACHANDRA RAJU	AERATED CONCRETE AND A PROCESS FOR THE MANUFACTURE THEREOF	16/11/2010	CHENNAI
243565	M/S. THE SCRIPPS RESEARCH INSTITUTE	A RECOMBINANT EUKARYOTIC CELL	16/04/2011	CHENNAI
248021	SHRI. S. SASI KUMAR	AUTOMATIC WINDOW LOCK	09/09/2011	CHENNAI
236501	M/S. CHEVRON U.S.A. INC.	LUBRICATING BASE OIL WITH HIGH MONOCYCLOPARAFFINS AND LOW MULTICYCLOPARAFFINS	17/11/2010	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	253782	1822/DEL/2006	14/08/2006		QUINAZOLINONE LINKED PYRROLO [2,1-C][1,4] BENZODIAZEPINE HYBRIDS AND A PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	04/04/2008	DELHI
2	253786	624/DEL/2007	22/03/2007 11:47:52	12/04/2006	A METHOD OF MAINTAINING A PROTEIN CONCENTRATION AT THE MEMBRANE SURFACE OF A FILTERING ELEMENT	MILLIPORE CORPORATION	26/10/2007	DELHI
3	253787	332/DEL/2006	03/02/2006		A PROCESS FOR THE PREPARATION OF ZN-ALPHA CASEIN COMPLEX	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	12/02/2010	DELHI
4	253789	1846/DELNP/2006	13/09/2004	12/09/2003	METHOD OF REDUCING ACRYLAMIDE LEVELS IN FOOD PRODUCTS	MCCAIN FOODS LIMITED	24/08/2007	DELHI
5	253795	241/DEL/2007	07/02/2007 12:05:25	20/02/2006	A CONNECTOR MOUNTING TO A SUBSTRATE HAVING AT LEAST ONE THROUGH-HOLE	SUMITOMO WIRING SYSTEMS, LTD.	24/08/2007	DELHI
6	253796	5152/DELNP/2006	10/02/2005	11/03/2004	A PROCESS FOR THE PRODUCTION OF POLYETHYLENE TEREPHTHALATE FROM TEREPHTHALIC ACID AND ETHYLENE GLYCOL	SAUDI BASIC INDUSTRIES CORPORATION	03/08/2007	DELHI
7	253803	4094/DELNP/2006	01/03/2005	03/03/2004	A COMPOUND OF GENERAL FORMULA (I)	BAYER CROPSOURCE AG.,	22/06/2007	DELHI
8	253805	2775/DELNP/2004	18/02/2003	21/02/2002	ORALLY ADMINISTRABLE COMPOSITION FOR THE PHOTOPROTECTION OF THE SKIN	SOCIETE DES PRODUITS NESTLE S.A.,L'OREAL	02/10/2009	DELHI
9	253810	609/DEL/2006	08/03/2006		NOVEL GLYCOSYL-D-FRUCTOSE DERIVATIVES AS ANTIHYPERLIPIDEMIC AGENT	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	08/04/2011	DELHI
10	253817	8395/DELNP/2007	21/04/2006	06/05/2005	AN ELECTRODEPOSITABLE COATING COMPOSITION	PPG INDUSTRIES OHIO INC.	04/07/2008	DELHI

11	253822	1203/DELNP/2007	23/09/2005	24/09/2004	NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME(6)	LG CHEM.LTD.,	27/04/2007	DELHI
12	253823	1089/DEL/2004	10/06/2004	13/06/2003	AN APPARATUS FOR TEMPORARILY INTERRUPTING THE PASSAGE OF LONG PRODUCTS BETWEEN UPSTREAM AND DOWNSTREAM PATHS	Siemens Industry, Inc.	27/01/2012	DELHI
13	253825	2595/DELNP/2006	13/12/2004	23/12/2003	N,2-DIMETHYL-{[7-(2-MORPHOLIN-4-YLETHOXY)QUINOLIN-4-YL]OXY}-1-BENZOFURAN-3-CARBOXAMIDE	PFIZER INC.	10/08/2007	DELHI
14	253826	2582/DEL/2006	04/12/2006		A PROCESS FOR THE PREPARATION OF PRIMARY ALKYL GLYCEROL ETHERS USEFUL AS BIOFUEL ADDITIVE FROM GLYCEROL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	01/08/2008	DELHI
15	253829	3663/DEL/1997	17/12/1997	20/12/1996	A METHOD OF REMOVING FOULING MATERIALS FROM THE SURFACE OF A PLURALITY OF POROUS MEMBRANES	SIEMENS INDUSTRY, INC.	10/06/2011	DELHI
16	253831	3403/DEL/2005	10/06/2004	13/06/2003	A METHOD OF TEMPORARILY INTERRUPTING THE PASSAGE OF A LONG PRODUCT IN A ROLLING MILL	SIEMENS INDUSTRY INC.	07/12/2007	DELHI
17	253832	8/DEL/1998	02/01/1998	13/01/1997	A FORMULATION	BP CHEMICALS LIMITED	26/03/2010	DELHI
18	253834	213/DEL/2003	05/03/2003		A METHOD OF PRODUCING DIMETHYL PHTHALATE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	06/04/2007	DELHI
19	253836	1198/DEL/2000	26/12/2000		A PROCESS FOR THE PREPARATION OF NOVEL DIOL FUNCTIONALISED UV ABSORBERS.	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	20/02/2009	DELHI
20	253842	5286/DELNP/2005	26/03/2004	17/07/2003	A MOBILE PHONE OPERABLE WITH A MOBILE PHONE ACCESSORY	SONY ERICSSON MOBILE COMMUNICATIONS AB	02/10/2009	DELHI
21	253847	476/DEL/2006	21/02/2006		JET-WHEEL IMPACT ATOMIZER FOR SPRAY DRYING AND A PROCESS FOR THE PREPARATION OF FINELY DISPERSED SPRAY OF SLURRY/LIQUID	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	10/09/2010	DELHI

22	253855	3174/DELNP/2007	26/10/2005	01/11/2004	INFORMATION MANAGEMENT METHOD, INFORMATION MANAGEMENT PROGRAM AND INFORMATION MANAGEMENT APPARATUS	SONY CORPORATION,	31/08/2007	DELHI
23	253856	2985/DELNP/2005	16/12/2003	16/12/2002	YEAST-BASED VACCINE	GLOBEIMMUNE, INC.	27/03/2009	DELHI
24	253861	1414/DEL/2007	03/07/2007 12:33:00	04/07/2006	A CONNECTOR	SUMITOMO WIRING SYSTEMS,LTD.	18/01/2008	DELHI
25	253862	2186/DELNP/2003	23/05/2002	31/05/2001	AN APPARATUS AND METHOD FOR MACHINING A WORKPIECE	AIR PRODUCTS AND CHEMICALS, INC.	30/10/2009	DELHI
26	253863	1273/DEL/2002	17/12/2002		AN IMPROVED MULTI CROP THRESHER.	KUMAWAT MADAN LAL	13/11/2009	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	253783	2284/MUMNP/2008	05/04/2007	04/05/2006	NOVEL HYDROPHOBICALLY MODIFIED CATIONIC POLYMERS & PERSONAL CARE COMPOSITIONS THEREOF	HINDUSTAN UNILEVER LIMITED	20/02/2009	MUMBAI
2	253827	1084/MUMNP/2008	28/11/2006	01/12/2005	TWO-PART CURABLE COMPOSITION	MOMENTIVE PERFORMANCE MATERIALS, INC.	18/07/2008	MUMBAI
3	253843	426/MUMNP/2008	13/09/2006	23/09/2005	AN AERATED COMPOSITION	HINDUSTAN UNILEVER LIMITED	21/03/2008	MUMBAI
4	253845	1977/MUM/2008	17/09/2008		PROCESS FOR PREPARING ANHYDROUS RARE EARTH METAL HALIDES	ARCH PHARMALABS LIMITED	17/06/2011	MUMBAI
5	253849	1351/MUMNP/2007	01/03/2006	08/03/2005	METHOD OF PRODUCING A HOUSING FOR A DISK MOWER CUTTER BAR	KUHN S A	02/11/2007	MUMBAI
6	253859	886/MUM/2005	26/07/2005		IMPROVEMENT IN DIMENSION OR DEPTH CONTROL SYSTEM IN A MACHINE	MAHINDRA & MAHINDRA LTD	15/06/2007	MUMBAI
7	253864	115/MUMNP/2008	07/07/2006	12/07/2005	EFFICIENT ENCODING OUT OF ORDER DATA PACKETS IN A NETWORK	QUALCOMM INCORPORATED	26/06/2009	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	253785	3333/CHENP/2006	07/03/2005	15/03/2004	TRISUBSTITUTED FURANS SUITABLE FOR THE PREPARATION OF FRAGRANCE COMPOSITIONS	GIVAUDAN SA	15/06/2007	CHENNAI
2	253788	825/CHE/2006	09/05/2006 17:34:30		A PROCESS FOR THE PREPARATION 3-SUBSTITUTED-1, 2-DIHYDROXYBENZENE, 2-SUBSTITUTED-1, 4-DIHYDROXYBENZENE AND THEIR DERIVATIVES THEREOF	M/S. HIKAL LIMITED	21/12/2007	CHENNAI
3	253792	503/CHENP/2007	29/07/2005	03/08/2004	DEVICE AND METHOD AT A CARD	MASCHINENFABRIK RIETER AG	24/08/2007	CHENNAI
4	253797	947/CHE/2007	03/05/2007 16:14:53		PROCEDURE FOR HEADSET AND DEVICE AUTHENTICATION	MINDTREE CONSULTING LTD	28/11/2008	CHENNAI
5	253798	1428/CHENP/2008	23/08/2006	23/08/2005	A DEVICE FOR EXTRUDING SPINNING FILAMENTS FROM A SPINNING SOLUTION AND A LYOCCELL METHOD BY WHICH SPINNING FILAMENTS ARE EXTRUDED	LENZING AKTIENGESELLSCHAFT	28/11/2008	CHENNAI
6	253799	3184/CHENP/2006	04/01/2005	02/02/2004	A METHOD AND DEVICE FOR SEALING A CONTAINER USING A MICROSPHERE-FILLED SEALANT MATERIAL	3M INNOVATIVE PROPERTIES COMPANY	08/06/2007	CHENNAI
7	253800	4705/CHENP/2006	04/05/2005	21/05/2004	IMPACT RESISTANT PROPYLENE/ETHYLENE COPOLYMER COMPOSITIONS	BASELL POLIOLEFINE ITALIA S.R.L	29/06/2007	CHENNAI
8	253806	3940/CHENP/2006	19/04/2005	27/04/2004	A GLOW PLUG COMPRISING A PRESSURE SENSOR	SIEMENS VDO AUTOMOTIVE	15/06/2007	CHENNAI

9	253808	4549/CHENP/2007	30/03/2006	04/04/2005	METHOD AND SYSTEM FOR COMMUNICATION OF A DUAL-MODE TERMINAL	HUAWEI TECHNOLOGIES CO., Ltd.	25/01/2008	CHENNAI
10	253809	1723/CHENP/2006	16/11/2004	17/11/2003	INSULATED GATE BIPOLAR TRANSISTOR	ABB TECHNOLOGY AG	29/06/2007	CHENNAI
11	253812	1704/CHE/2005	22/11/2005		METHOD OF SENDING A MESSAGE FROM A BLUETOOTH ENABLED DEVICE TO ANOTHER BLUETOOTH ENABLED DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PVT.LTD	14/09/2007	CHENNAI
12	253813	1552/CHE/2005	26/10/2005		A METHOD OF ROUTE OPTIMIZATION WITH DUAL MIPV6 NODE IN IPV4-ONLY NETWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.	25/01/2008	CHENNAI
13	253814	685/CHE/2006	13/04/2006 18:40:49	13/04/2006	PROCESS FOR CLEANING GASES FROM GASIFICATION UNITS	HALDOR TOPSOE A/S	21/12/2007	CHENNAI
14	253815	5354/CHENP/2007	24/04/2006	25/04/2005	IMAGE FORMING APPARATUS	CANON KABUSHIKI KAISHA	25/01/2008	CHENNAI
15	253816	3451/CHENP/2006	14/03/2005	23/03/2004	FUNGICIDAL DETERGENT COMPOSITIONS	CIBA HOLDING INC	15/06/2007	CHENNAI
16	253824	2522/CHENP/2006	10/12/2004	11/12/2003	ELASTIC IMAGE REGISTRATION	KONINKLIJKE PHILIPS ELECTRONICS N. V.	08/06/2007	CHENNAI
17	253833	781/CHENP/2006	12/05/2004	05/09/2003	METHOD FOR MINIMIZING THE MAXIMUM SYSTEM TIME UNCERTAINTY FOR A MOBILE STATION	QUALCOMM INCORPORATED	22/06/2007	CHENNAI
18	253835	2823/CHENP/2006	01/02/2005	02/02/2004	THERMAL OVERLOAD PROTECTION	ABB OY	08/06/2007	CHENNAI
19	253848	3036/CHE/2007	19/12/2007 14:41:30	15/01/2007	OPTICAL CONNECTOR	HITACHI CABLE, LIMITED	11/09/2009	CHENNAI
20	253851	47/CHE/2005	19/01/2005		HIGH PURITY POROUS SILICA FIBER - SILICA MATRIX COMPOSITE AND A METHOD OF MANUFACTURING THEREOF	INDIAN SPACE RESEARCH ORGANISATION OF ISRO HEADQUARTERS	16/03/2007	CHENNAI
21	253852	2646/CHE/2007	15/11/2007 15:50:14		A METHOD OF GENERATING A VIRTUAL STEREO RADIO STATION FROM A SINGLE FM STEREO MODULATION BROADCAST	VALAGAM RAJAGOPAL RAGHUNATHAN	02/04/2010	CHENNAI

22	253853	3649/CHENP/2006	25/02/2005	03/03/2004	METHOD AND DEVICE FOR WINDING A PLURALITY OF THREADS	SAURER GMBH & CO KG	15/06/2007	CHENNAI
23	253865	205/CHE/2005	03/03/2005	04/03/2004	CYLINDER HEAD WITH IMPROVED HEAT TRANSFER AND VALVE SEAT COOLING	ELECTRO-MOTIVE DIESEL, INC.	16/03/2007	CHENNAI
24	253866	162/CHE/2005	24/02/2005		METHOD AND DEVICE FOR PRINTING A DOCUMENT ON A PAPER FROM A SELECTED PAPER TRAY	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	16/03/2007	CHENNAI
25	253867	1752/CHE/2007	08/08/2007		A TEA STALL MOUNTED ON A VEHICLE	TVS MOTOR COMPANY LIMITED	21/08/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	253784	2086/KOLNP/2006	12/01/2005	02/02/2004	A METHOD AND A TRANSMITTER TO REDUCE PEAK-TO-AVERAGE POWER RATIO IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED SIGNAL	IBIQUITY DIGITAL CORPORATION	18/05/2007	KOLKATA
2	253790	1040/KOL/2005	21/11/2005		A FLUID FLOW SENSOR USING CENTRIFUGAL FORCE TYPE FLOW TRANSDUCER	BERA, DR. SATISH CHANDRA	28/07/2006	KOLKATA
3	253791	3091/KOLNP/2006	04/04/2005	05/04/2004	TUBULAR STRUCTURE FOR STORING PRODUCTS, WITH REMOVABLE IDENTIFICATION DEVICE	SONOCO DEVELOPMENT, INC.	08/06/2007	KOLKATA
4	253793	398/KOL/2007	15/03/2007		AN EMBEDDED DEVICE FOR INERFACING ELECTRONIC CONTROLLERS OF ELECTROSTATIC PRECIPITATOR	BHARAT HEAVY ELECTRICALS LIMITED	03/10/2008	KOLKATA
5	253794	2409/KOLNP/2007	30/11/2005	02/12/2004	BISPECIFIC DOMAIN ANTIBODIES TARGETING SERUM ALBUMIN AND GLP-1 OR PYY	DOMANTIS LIMITED	24/08/2007	KOLKATA
6	253801	882/KOL/2007	18/06/2007 15:27:07	01/09/2006	AN ENGINE OIL CHANGE DETECTION SYSTEM IN AN ENGINE SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC	14/03/2008	KOLKATA
7	253802	IN/PCT/2002/988/ KOL	18/01/2001	02/02/2000	MASSIVE BODIES FOR PRODUCING HIGHLY CONVERTED SOLUTIONS OF CHLORINE DIOXIDE	ENGELHARD CORPORATION	12/02/2010	KOLKATA
8	253804	3125/KOLNP/2008	07/03/2007	15/03/2006	POLYPROPYLENE COMPOSITION WITH SELECTIVE CROSS-LINKABLE DISPERSED PHASE	BOREALIS TECHNOLOGY OY	06/02/2009	KOLKATA

9	253807	70/KOL/2007	19/01/2007 15:02:30		A PROCESS OF CONFIGURATING MICRO-SIZED CHANNELS HAVING IMPROVED INCLINATION AND FOR ENHANCEMENT OF BOILING HEAT TRANSFER OVER PLANE SURFACE	INDIAN INSTITUTE OF TECHNOLOGY	29/08/2008	KOLKATA
10	253811	2208/KOLNP/2006	06/12/2005	10/12/2004	AN IMAGE FORMING APPARATUS	RICOH COMPANY, LIMITED	25/05/2007	KOLKATA
11	253818	1795/KOLNP/2008	20/10/2006	25/10/2005	METHOD AND APPARATUS FOR PACKING CHROMATOGRAPHY COLUMNS	PHENOMENEX, INC.	09/01/2009	KOLKATA
12	253819	2077/KOLNP/2007	15/12/2005	05/01/2005	SILICONE RESIN COMPOSITION IN SOLID STATE, CURABLE RESIN COMPOSITION COMPRISING IT, AND CURED RESIN	DOW CORNING TORAY CO., LTD.	10/08/2007	KOLKATA
13	253820	2129/KOLNP/2007	13/12/2005	14/12/2004	PROCESS FOR PRODUCTION OF ORGANIC-INORGANIC HYBRID HYDROGEL	KAWAMURA INSTITUTE OF CHEMICAL RESEARCH	07/09/2007	KOLKATA
14	253821	2552/KOLNP/2007	16/12/2005	09/07/2007	3, 5-DISUBSTITUTED AND 3, 5, 7-TRISUBSTITUTED-3H-OXAZOLO AND 3H-THIAZOLO [4, 5-D] PYRIMIDIN-2-ONE COMPOUNDS AND PRODRUGS THEREOF	ANADYS PHARMACEUTICALS, INC.	23/01/2009	KOLKATA
15	253828	97/KOLNP/2007	07/07/2005	07/07/2004	FOOD INGREDIENTS AND FOOD PRODUCTS TREATED WITH AN OXIDOREDUCTASE AND METHODS FOR PREPARING SUCH FOOD INGREDIENTS AND FOOD PRODUCTS	LEPRINO FOODS COMPANY	03/04/2009	KOLKATA
16	253830	3465/KOLNP/2008	27/02/2007	28/02/2006	COLORING PAPER AND SUBSTRATES COATED FOR ENHANCED PRINTING PERFORMANCE	EVONIK DEGUSSA CORPORATION	20/02/2009	KOLKATA
17	253837	778/KOL/2007	21/05/2007 15:20:54	22/08/2006	ONE-WAY CLUTCH WITH DOG-CLUTCH AND SYNCHRONIZER	GM GLOBAL TECHNOLOGY OPERATIONS, INC	29/02/2008	KOLKATA

18	253838	2607/KOLNP/2006	10/03/2004	10/03/2004	METHOD FOR ESTABLISHING A DATA COMMUNICATION SESSION WITH A MOBILE SUBSCRIBER IN A WIRELESS COMMUNICATION NETWORK, AND PACKET DATA SERVER THEREFOR	CISCO TECHNOLOGY, INC.	01/06/2007	KOLKATA
19	253839	1238/KOLNP/2006	19/11/2004	20/11/2003	METHOD FOR ESTIMATING MAXIMUM DISCHARGE POWER OF BATTERY	LG CHEM, LTD.	27/04/2007	KOLKATA
20	253840	1972/KOLNP/2005	23/02/2004	10/03/2003	A METHOD FOR TRANSPORTING AND DISTRIBUTING ITEMS	UNITED STATES POSTAL SERVICE	20/07/2007	KOLKATA
21	253841	172/KOLNP/2007	15/07/2005	19/07/2004	A COMPACT CIRCUIT BREAKER WITH INCREASED PROTECTIVE FUNCTIONALITY	SIEMENS AKTIENGESELLSCHAFT	29/06/2007	KOLKATA
22	253844	890/KOL/2007	19/06/2007	25/09/2006	AN ENGAGEABLE CLUTCH ASSEMBLY AND A METHOD OF CONTROLLING FLUID FLOW AT A FRICTION INTERFACE OF ENGAGEABLE CLUTCH ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/04/2009	KOLKATA
23	253846	570/KOL/2007	11/04/2007		A CONDITION MONITORING SYSTEM FOR MEASURING THE FRICTION VALUE BETWEEN A MOULD AND A SOLIDIFYING SLAB	TATA STEEL LIMITED	17/10/2008	KOLKATA
24	253850	1533/KOL/2007	06/11/2007 15:32:50	21/11/2006	A MULTI-SPEED AUTOMOTIVE TRANSMISSION ACHIEVING PLURALITY OF GEAR RATIOS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	11/07/2008	KOLKATA
25	253854	3542/KOLNP/2007	02/03/2006	23/03/2005	A UNSYMMETRICALLY SUBSTITUTED PHOSPHOLANE CATALYSTS AND A PROCESS OF PREPARATION THEREOF	EVONIK DEGUSSA GMBH	18/01/2008	KOLKATA
26	253857	2010/KOLNP/2006	14/01/2005	13/02/2004	MOBILE CONCRETE PUMP WITH CHASSIS-FIXED SUPPORT UNIT FOR DISTRIBUTION BOOM	PUTZMEISTER ENGINEERING GMBH	18/05/2007	KOLKATA

27	253858	1585/KOL/2007	23/11/2007 15:35:49	23/01/2007	A HELMHOLTZ RESONATOR ASSEMBLY CONFIGURED FOR USE WITH AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/04/2009	KOLKATA
28	253860	430/KOLNP/2005	21/08/2003	17/09/2002	INTER-LABIUM PRODUCT AND SURFACE-SIDE SHEET CAPABLE OF DISINTEGRATION IN WATER FOR THE INTER- LABIUM PRODUCT	UNI-CHARM CORPORATION	10/12/2010	KOLKATA
29	253868	1109/KOLNP/2006	28/10/2004	18/12/2003	A BROADBAND OMNIDIRECTIONAL ANTENNA	KATHREIN-WERKE-KG	27/04/2007	KOLKATA
30	253869	4807/KOLNP/2007	02/07/2002	06/07/2001	CONTENT MANAGEMENT METHOD FOR MANAGING COPYING AND MOVING OF CONTENT	PANASONIC CORPORATION	27/06/2008	KOLKATA
31	253870	3665/KOLNP/2006	25/05/2005	25/05/2004	A METHOD AND SYSTEM FOR SELECTIVELY ALLOWING OR DENYING COMMUNICATION ACCESS TO A USER COUPLED TO AN ELECTRONIC COMMUNICATIONS NETWORK BY OTHER USERS COUPLED TO THE ELCTRONIC COMMUNICATIONS NETWORK	REFLEXION NETWORK SOLUTIONS,INC.	15/06/2007	KOLKATA
32	253871	2102/KOLNP/2006	20/01/2005	29/01/2004	A POWER SUPPLY DEVICE FOR A SUBMARINE	SIEMENS AKTIENGESELLSCHAF T,HOWALDTSWERKE- DEUTSCHE WERFT GMBH	18/05/2007	KOLKATA
33	253876	2320/KOLNP/2006	13/01/2005	20/02/2004	APPARATUS COMPRISING AN INDUCTOR-CAPACITOR VOLTAGE CONTROLLED OSCILLATOR (LC-VCO), METHOD OF TUNING A CIRCUIT AND LC-VCO	GCT SEMICONDUCTOR.INC.	25/05/2007	KOLKATA
34	253880	3032/KOLNP/2006	18/04/2005	07/05/2004	DEVICE FOR THE ANALYSIS OR ABSORPTION MEASUREMENT OF A SMALL QUANTITY OF A LIQUID MEDIUM BY MEANS OF LIGHT	HELLMA GMBH & CO. KG,SAHIRI, THOMAS	08/06/2007	KOLKATA

CONTINUED TO PART-3

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
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दिनांक: 31/08/2012
DATE: 31/08/2012

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

31ST AUGUST, 2012

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**THE PATENT OFFICE
KOLKATA, 31/08/2012**

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:-

<p>1 Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpatm@nic.in</p>	<p>4 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>
<p>2 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>	<p>5 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>3 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>	<p>❖ Rest of India</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 31/08/2012
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: cgpdtm@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.

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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:

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1)KHAN CHANGEZ ANWAR

(57) Abstract :

The invention titled MULTI DIMENSIONAL DIGITALLY PROJECTED MEDIA & ADVERTISING MEDIUM/SYSTEM (Multi Dimensional in the above title means Four Dimensional (4D), Three Dimensional (3D), Two Dimensional (2D) Still & Moving Imagery) is a new medium, process and system to the existing and prevalent medium of advertising and outdoor advertisement not a replacement or alternate to the advertising. Advertising began with print media (Publication/Newspapers), then began the era of electronic media, Radio Advertising followed by Television and lastly a decade ago Internet/online advertising (websites/emails) along with New Media Advertising (mobile/sms/ringtones/podcast/vodcast), but the outdoor/out of home (OOH) media remained the same only upgrading and updating with few and static innovations like outdoor video/LED/ticker displays & screens, common in New York, Times Square and Piccadilly Circus, London and came into India quite recently. This new Invention method, medium will induct, apply dynamic 3D/4D animated/visual effects digital still/moving image projection technology for outdoor advertisement. Outdoor advertisement in form of digital 2D/3D/4D still image or motion picture for publicity and promotion, any kind of advertisement film can be projected on hard surface of an architecture/structure/building with application of a high resolution/definition multiple digital projection system. This new invention and process is creation of a new medium and method in outdoor advertising industry and the advertising world. In outdoor advertising only poster, hoardings, bills, banners, billboards, video/LED screens etc are used and are presently prevalent form of marketing adopted and used by various organizations in spreading awareness amongst masses and for marketing in relation to the products, services and also equally used by the Government Departments and agencies to make people aware about specific campaigns or any public policy. Mediums customarily adopted, engaged or used in Outdoor Advertising are outdated and primitive. The invention put before the authority for protection under Patent Act is a medium of Outdoor Advertising under title Multi Dimensional Digitally Projected Media & Advertising Medium/System, which is new technology, process and a new system is introduced herewith. (Graphical impressions are enclosed here after)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2100/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : THE NEW AGE STARTING BLOCK

(51) International classification	:A63B24/00
(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)HARJASLEEN MALVAI
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CHANDIGARH-160015, Punjab India
(72)**Name of Inventor :**
1)HARJASLEEN MALVAI

(57) Abstract :

When the race begins the athletes are given the following instructions - On Your Marks-Get Set and a gunshot is fired. There is a split second reaction time to leave the blocks. This can seal the fate of the race. To give the athlete an advantage right at the beginning I have designed a starting block which can Record the reaction time Indicate a false start The starting block is a cylindrical bar(1) anchored to the ground using steel pegs(10) and has two handles(2,12) with rubber pads(4) on opposite sides to place the feet. The circuit will include one part which is placed away from this device and is fitted with an electronic counter (7) which will start when the button (9) on the sound source (8) (i.e. gunshot) is pressed. This is also attached with a cable to the starting block where the tiny Infra red sensors are placed in the middle of horizontal sides of the rubber pad(5,14) which are kept on after the athlete has taken the stance and break the circuit after that to stop the counter. An additional feature is a beep to indicate the foot left the block before the gun was fired and hence is a false start.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.67/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : A FERRITE MATERIAL, ISOLATOR DEVICE AND METHOD THEREOF

(51) International classification

:H01P

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT 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)C.G. BALAJI

2)P. VENUGOPAL REDDY

3)K. RAJU

4)P. VENUGOPAL REDDY

5)K. RAJU

(57) Abstract :

The present disclosure relates to a ferrite material with chemical composition $Ni_{0.9}Zn_{0.1}Fe_2O_4$ and a process thereof The present disclosure also relates to an isolator device designed using a ferrite material with chemical composition $Ni_{0.9}Zn_{0.1}Fe_2O_4$ developed for applications in the microwave frequency region of X band. The instant disclosure relates to ferrite co-axial isolators, which have been developed in the microwave frequency region of X-band using nickel-zinc ferrite. These materials have isolation of greater than 40 dB and insertion loss of less than 0.6 dB. The test results indicate negligible variation over a temperature range of -30 to + 75 °C. These materials have high isolation with a bandwidth of 50 MHz and the values of return loss and VSWR are 20 dB and 1.15 respectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1065/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A DISCONNECTOR / EARTH SWITCH OF A SWITCHGEAR EQUIPMENT, AND SWITCHGEAR EQUIPMENT, THEREBY

(51) International classification	:H02B13/075
(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)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, 6TH FLOOR, DR.
ANNIE BESANT ROAD, WORLI, MUMBAI 400 030,
MAHARASHTRA, INDIA.

(72)**Name of Inventor :**
1)RAJAN ARAVIND

(57) Abstract :

A disconnecter / earth switch of a switchgear equipment, said disconnecter / earth switch comprising: at least a solid slider element adapted to be slidably ensconced within at least a hollow slider element, said solid slider element adapted to be slidably ensconced within a channel, said solid slider element adapted to slide out of said hollow slider up to a pre-determined first length in order to obtain an intermediate non-mating condition, and said hollow slider element adapted to slide out of said channel up to a pre-determined second length, for the solid slider element to be received by a receptacle in order to obtain a final closed condition.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1354/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL METHOD FOR THE DETECTION OF MICROBIAL CONTAMINANTS IN PLANT TISSUE CELL CULTURES

(51) International classification

:C12N
15/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GAYATRI ASHWINKUMAR DAVE

Address of Applicant :DEPT OF BIOTECHNOLOGY, P.D.

PATEL INSTITUTE OF APPLIED SCIENCES, CHAROTAR

UNIVERSITY OF SCIENCE & TECHNOLOGY, CHANGA-

388421, DIST. ANAND, GUJARAT India

(72)Name of Inventor :

1)GAYATRI ASHWINKUMAR DAVE

2)RUCHA HARISHKUMAR MEHTA

3)NIRALEE GAUTAMBHAI PATEL

(57) Abstract :

The present invention relates to novel method for the detection of microbial contaminants in plant tissue cultures by the use of chemical indicators which work independent of pH and temperature conditions in plant tissue cultures. These chemical indicators work at various ranges of concentrations and are able to detect microbial contaminants at the earliest possible period of time once the plant tissue cultures are incubated for the plant growth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DUAL PORT MONO TUBE SUSPENSION SYSTEM

(51) International classification	:B60G	(71)Name of Applicant :
	17/02	1)GABRIEL INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :29TH, MILESTONE, PUNE NASIK
(32) Priority Date	:NA	HIGHWAY, VILLAGE : KURULI, TAL:KHED, DIST: PUNE-
(33) Name of priority country	:NA	410 501 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIVAKAR BHAT
(87) International Publication No	:N/A	2)VRISHALI B.YAMAGEKAR
(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 dual port monotube suspension system type shock absorber and coil spring suspension type system having an accumulator for storing fluid, such as hydraulic oil, under gas pressure or without pressure, having fluid communication across movable piston and stationary base valve with valves arrangement so that the fluid is continually being transferred between the accumulator, the piston with valving and base valve case with valving, thus generating damping force in response to movement of the wheels of the vehicle on road with which the system is associated in use of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :21/06/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR SPEND ANALYSIS OF THE SERVICE CATEGORY.

(51) International classification	:C06F 17/60	(71) Name of Applicant : 1)ZYCUS INFOTECH PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,
(32) Priority Date	:NA	ANDHERI (EAST), MUMBAI-400096., MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. AG SEBASTIAN
(87) International Publication No	:N/A	2)MR. PRASAD NAIR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for spend analysis of service category comprising a processor unit; a computer readable medium storing instructions executable by the processor unit wherein the said computer readable medium comprises of a Service Receiving Means for receiving a service spend category from iAnalyze.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR INTEGRATING BIOMETRIC AND DEMOGRAPHIC DATA

(51) International classification	:G06F3/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VFS GLOBAL SERVICES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :9TH FLOOR, UEMI ESTATE, 95,
(33) Name of priority country	:NA	GANPATRAO KADAM MARG, NEAR LOWAR PAREL
(86) International Application No	:NA	STATION, LOWER PAREL(W), MUMBAI - 400 013,
Filing Date	:NA	MAHARASHTRA, INDIA.
(87) International Publication No	:N/A	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)LAHIRY UTTAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure envisages a computer implemented system for capturing and integrating biometric data item(s) and demographic data item(s) corresponding to users. The system includes a capturing module for capturing biometric data item(s) and demographic data item(s) corresponding to a first user. The captured biometric data item(s) and demographic data item(s) are temporarily stored in a repository. The system includes a user interface accessible to at least one second user and configured to display selectable biometric data item(s) and demographic data item(s) for the purpose of selection. The biometric data item(s) and demographic data item(s) specified by the user are selected from the repository by the selector and are controllably interlinked by a linker. The biometric item(s) and demographic data item(s) selected by the selector are further integrated to form an integrated profile. Subsequent to integration the biometric data item(s) and demographic data item(s) are permanently erased from the repository.

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

(54) Title of the invention : A DEVICE FOR MEASURING, PROCESSING AND EVALUATING MEDICINAL PARAMETERS RELATING TO HUMAN BODY

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	5/00	1)DR. KETAN SUBHASHCHANDRA AMIN
(32) Priority Date	:NA	Address of Applicant :403,SUKHSAGAR, KAMAL
(33) Name of priority country	:NA	COLONY, NAVRANGPURA, AHMEDABAD - 380 009,
(86) International Application No	:NA	GUJARAT STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DR. KETAN SUBHASHCHANDRA AMIN
(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 device for measuring, processing and evaluating medicinal parameters relating to human body, the device comprising: means for measuring transcutaneous carbon dioxide tension (tcPCo2) transcutaneous oxygen tension (PO2), pulse oximetric saturation (SpO2) and blood pH of the subject human body; means for processing the data relating to the transcutaneous carbon dioxide tension (tcPCo2), transcutaneous oxygen tension (PO2), pulse oximetric saturation (SpO2) and blood pH obtained from the means for measuring; means for obtaining first ayurvedic clinical parameter (VgtC-O) based on the processed data, the first ayurvedic clinical parameter (VgtC-O) indicates ayurvedic vata gati carbon oxygen relationship and evaluates ayurvedic VATA Dosha in the subject human body; means for obtaining second ayurvedic clinical parameter (AgkH) based on the first ayurvedic clinical parameter (VgtC-O) where the second ayurvedic clinical parameter (AgkH) indicates level of hydrogen ion in the body and accordingly heat energy level in the body, the second ayurvedic clinical parameter (AgkH) evaluates ayurvedic PITTA Dosha in the subject human body; means for obtaining third ayurvedic clinical parameter (SHplHC-O) based on the processed data where the third ayurvedic clinical parameter (SHplHC-O) indicates level of bicarbonic acid bicarbonates in the body and accordingly viscosity producing level of blood and body fluids, where the third ayurvedic clinical parameter (SHplHC-O) evaluates ayurvedic KAPHA Dosha in the subject human body; means for obtaining fourth ayurvedic clinical parameter (Agkm) based on the processed data, the fourth ayurvedic clinical parameter (Agkm) indicates hydrogen ion concentration in ayurvedic terminology; means for obtaining fifth ayurvedic clinical parameter (SmO-O) based on the processed data, the fifth ayurvedic clinical parameter (SmO-O) indicates water oxygen relationship in ayurvedic terminology; a database including a table illustrating relationship among abnormality and/or disease in the subject human body and at least one of the ayurvedic clinical parameters; means for obtaining sixth ayurvedic clinical parameter (Tdh) based on the processed data, the sixth ayurvedic clinical parameter (Tdh) indicates hydrogen ion concentration in ayurvedic terminology and quantitative range of total dhatus in the subject human body; means for evaluating the affected body part or disease based on the at least one of the ayurvedic clinical parameter and the data given in the table; and display unit for displaying the measured values of transcutaneous carbon dioxide tension (tcPCo2), transcutaneous oxygen tension (PO2), pulse oximetric saturation (SpO2) and blood pH, values of the first ayurvedic clinical parameter (VgtC-O), the second ayurvedic clinical parameter (AgkH), the third ayurvedic clinical parameter (SHplHC-O), the fourth ayurvedic clinical parameter (Agkm), the fifth ayurvedic clinical parameter (SmO-O), the sixth ayurvedic clinical parameter (Tdh), the data given in the table and information showing the affected body part or disease in the subject human body.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1649/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/06/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR OBTAINING SILVER NANO PARTICLES FROM METALLIC SILVER CONTAINING WASTE

(51) International classification :B82B3/00
(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)DR RAJESH CHANDRAKANT PATIL

Address of Applicant :BHAVANS COLLEGE, ANDHERI (W), MUMBAI-400 058 Maharashtra India

(72)Name of Inventor :

1)DR.R. C. PATIL

2)PROF A. R. PAWAR

3)DR. SWATI D. WAVHAL

4)DR. MRS. RAMA K. BHADDEKAR

5)SANDESH S. MANDAVKAR

6)SUNIL S. YADAV

7)MAKBA M. FARHAAN

8)SAILA MULLA

(57) Abstract :

In an preferred mode of the invention aromatic carboxylic acid in water and neutralizing with base till clear solution is obtained which is used as prepare reaction mixture to digest silver containing waste material to obtain salt of the aromatic carboxylic acid, the waste material is digested for an hour and filtered through standard filter paper, the same is oxidised in crucible till white ash is obtained, in which concentrated nitric acid is added in presence of catalyst to obtain silver nitrate; which is further treated with alkali citrate solution and heating it till pale yellow colour is appears which indicates formation of silver nanoparticles which is further characterise by using analytical techniques,

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1806/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PLANETARY WHEEL GRINDING MACHINE FOR ONLINE GRINDING

(51) International classification

:B02C
7/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1)MILIND DINKAR KELKAR

Address of Applicant :PLOT NO.B-11/B-14, M.I.D.C. AREA,
NEAR RLY. STATION, AURANGABAD - 431 005.
Maharashtra India

(72)Name of Inventor :

1)MILIND DINKAR KELKAR

(57) Abstract :

The present invention provides a planetary wheel grinding machine for grinding bars. The machine grinds round bars online. Further, the machine and the process achieve heavy stock removal and at feed rates of 15M/min to 100M/mm. The machine includes a rotating drum, a grinding wheel and a wheel wear compensation assembly for moving the grinding wheel on a pivoted bracket after wearing thereby maintaining pressure on the bar.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :25/06/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PRODUCING 2-HYDROXY-3, 5-DIIODOBENZOIC ACID

(51) International classification	:C07C 23/00	(71)Name of Applicant : 1)OMKAR SPECIALITY CHEMICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :B-34, MIDC, BADLAPUR (EAST),
(32) Priority Date	:NA	DIST-THANE-421503, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)TELVEKAR, VIKAS NARENDRA
Filing Date	:NA	2)HERLEKAR, OMKAR PRAVIN
(87) International Publication No	:N/A	3)DURVE, KETAKEE SANJAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a process for preparation of 2-hydroxy-3, 5-diiodo benzoic acid with high yield and purity which comprises reacting salicylic acid in an alcohol with iodine monochloride, wherein iodine monochloride is generated insitu from the mixture of iodine or a salt of hydro iodic acid and chlorinating agent in presence of an oxidizing agent.

No. of Pages : 13 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1897/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : POVIDONE-IODINE AND CHITOSAN CONTAINING DRESSING OINTMENT AND A PROCESS OF MANUFACTURING THE SAME.

(51) International classification	:A61K 31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HELOIS PHARMACEUTICALS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :HELIOS HOUSE, 651/1, GULBAI
(33) Name of priority country	:NA	TEKRA, PANCHWATI, AHMEDABAD-380 006, GUJARAT
(86) International Application No	:NA	STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PATEL ADESH KIRTIKUMAR
(61) Patent of Addition to Application Number	:NA	2)PATEL ADITYA D.
Filing Date	:NA	3)PANCHAL NITIN K.
(62) Divisional to Application Number	:NA	4)PATEL ANILKUMAR SHANKARLAL
Filing Date	:NA	

(57) Abstract :

A biodegradable pharma grade dressing ointment for treatment of wounds, cuts, abrasions, surgical sutures and any such injuries, in the form of topical hemostatic-antiseptic dressing ointment essentially comprising of chitosan and povidone-iodine as active substances which altogether synergizes the effect of proposed invention, as the chitosan serves the purpose of topical hemostatis with antimicrobial activity for arresting the bleeding and efficiently promoting the faster healing whereas povidone-iodine enhances the wound healing property by preventing the contamination and infection at the affected site.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1939/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPAIREL PAPER TUBE WINDER MACHINE

(51) International classification	:B31C	(71)Name of Applicant :
(31) Priority Document No	3/00	1)KARHADKAR ASHISH ARUN
(32) Priority Date	:NA	Address of Applicant :NEELKKANTH ENGINEERING, A/2-
(33) Name of priority country	:NA	789/1, 40 SHED, G.I.D.C., VAPI, DI. VALSAD, GUJARAT,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)KARHADKAR ASHISH ARUN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present invention, tube angle bad is mounted on main body, wherein two motors and gear box systems are provided at both the end of tube angle bad. In the center of tube angle bad mandril griper is provided to grip the guide roller shaft. Multi strip rack is provided on the tube angle bad to guide the paper strip before it wound around the guide roller. Tow vertical drums are provided on the both the gear box, drum sliding wheel (9), mandrill slid wheel (10), mandril griper (11)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2038/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : EUROPIUM CHALCOGENIDE THIN FILMS BY SPRAY PYROLYSIS DEPOSITION AND METHOD THEREOF

(51) International classification	:C07F	(71)Name of Applicant :
(31) Priority Document No	3/00	1)BETKAR MAHESHWAR MALLIKARJUN
(32) Priority Date	:NA	Address of Applicant :PHYSICS RESEARCH CENTRE,
(33) Name of priority country	:NA	M.G.M. AHMEDPUR, DIST. LATUR. PIN_413515, MS,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	2)DR.BAGDE G.D.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BETKAR MAHESHWAR MALLIKARJUN
Filing Date	:NA	2)DR.BAGDE G.D.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns the method for preparation of europium chalcogenide thin films, deposited by spray pyrolysis. Formation of thin films is based on a general formula, Ra-Cb, wherein R represents the europium and C represent a chalcogen, a and b represents the proportions of europium and chalcogen respectively. The method comprises, pyrolysis of liquid precursor of said europium (R) and a chalcogen (C) or liquid precursor of said euporium (R) and at least one liquid precursor of said chalcogen (C), prepared in aqueous and non-aqueous solvent mediums. The liquid precursor is sprayed on hot substrate, with pre-determined parameters like substrate temperature, precursor concentration, precursor composition, nozzle to substrate distance, spray rate, carrier gas flow rate and pressure on the carrier gas. Scientifically important thin films of comparatively thin in thickness and of good morphological characteristics are synthesized.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2011/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONGESTION AVOIDANCE AND CONTROL NEAR SINK IN WIRELESS SENSOR NETWORK FOR RANDOM TOPOLOGY

(51) International classification	:G08C	(71)Name of Applicant :
(31) Priority Document No	17/00	1)Mr. Vivek Shankar Deshpande
(32) Priority Date	:NA	Address of Applicant :D-19 Prathmesh Chintamani Nagar
(33) Name of priority country	:NA	Bibwewadi Pune 411037 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Mr. Vivek shankar Deshpande
(87) International Publication No	: NA	2)Jagdish B Helonde
(61) Patent of Addition to Application Number	:NA	3)Vijay M Wadhai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When several sensors observe an event and try to periodically report it congestion around sink may set or when many sensors stream data to a sink congestion around the sink may occur. The congestion in the network leads to packet loss and it costs precious energy. This shortens the lifetime of nodes. This also adversely affects the data traffic. With the help of proposed congestion avoidance and control mechanism algorithm we can achieve the increased lifetime and increase in the Packet Delivery Ratio. The invention is described by way of example with reference to the following drawings FIG. 1 of sheet 1 is schematic view illustration of relay system where 1 denotes sink and other points denotes various sensors

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2031/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR FOCUS OPTIMIZATION AND TRACKING OF SUN BY SOLAR CONCENTRATORS

(51) International classification	:H01L31/052,G02B26/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: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)MULLER, HANS CHRISTOPH

Address of Applicant :CORONEL ARIAS 1091, POSTAL CODE: 4600, SAN SALVADOR DE JUJUY, JUJUY, ARGENTINA.

(72)Name of Inventor :

1)MULLER, HANS CHRISTOPH

(57) Abstract :

Disclosed is a system for focus optimization and tracking of sun by solar concentrators. The system comprises one or more solar concentrators, at least one imaging device per focus, at least one processor, at least one drive unit, and a plurality of actuators. The system performs tracking of sun by the plurality of solar concentrator on basis of a real focus position obtained by the plurality of imaging devices rather than on calculated or measured sun position. The system optimizes size and position of the focus until a maximum efficiency of the solar system is achieved.

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2100/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : ECONOMICAL, USER-FRIENDLY APPLICATOR FOR AGRICULTURE.

(51) International classification

:A01B69/00
,A01B79/00

(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)MR.SHARAD NATHU CHAUDHARI

Address of Applicant :AT LEEDSKEM GROUP, D-50,
MIDC, JALGAON - 425003, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR.SHARAD NATHU CHAUDHARI

(57) Abstract :

The present invention provides an economical and user-friendly agricultural applicator which has wide variety of applications in agriculture including but not restricted to digging holes for applying fertilizers, pesticides, insecticides, herbicides for all crops, applying fertilizers, pesticides, insecticides, herbicides in any form like solid, liquid, suspension, solution or packed in capsules, tablets or any other type of packing, it can also be used for sowing seeds; an applicator of the present invention is constructed from mild steel, or cast iron, or gun metal, or any other metal or alloy or composite material or various combinations thereof and it comprises of Cone or Pyramid with optional base plate, said cone or pyramid is extended into an Extension, having an arrangement for attaching Handle, Adopter and Handle; extension as well as handle of the applicator has plurality of bores at various locations and various positions for fitting fasteners, having inside BSP threading, said handle is rod made from mild steel, or cast iron, or gun metal or any other metal or alloy or wood or composite material or pipe made from mild steel, or cast iron, or gun metal or any other metal or alloy or composite material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2135/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :27/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR SAFE & ECO-FRIENDLY DEVELOPMENT OF COMMUNITY LIQUID WASTE

(51) International classification	:C02F 1/00	(71)Name of Applicant : 1)JOY MANGLANI
(31) Priority Document No	:NA	Address of Applicant :601 KUMAR HARSHWARDHAN
(32) Priority Date	:NA	LAYOUT 6, JUHU VERSOVA LINK ROAD, ANDHERI (W)
(33) Name of priority country	:NA	MUMBAI 400 053 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOY MANGLANI
(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 method for safe and eco-friendly development of waste which comprises stepwise processes for complete re-composition of underutilized resources, through analysis, segregation and integration. It combines novel physical, chemical and biological processes to create products that add value to environment or to economy. It senses, monitors, rectifies and enhances the resources, processes and products at various steps to ensure their utility, safety, efficiency and propagation. It also comprises embodiments that lead to; reduction, reuse and recycling of resources including material and energy; enhancement of air, soil, water, plants, greenery and environment, energy conservation, energy generation, reduction in global warming and climate change, development of havens for wildlife including flora and fauna, enhanced quantity, quality and distribution of rainfall, enhanced dissolved oxygen in water, enhanced absorption and storage of solar energy, watershed development, enhanced aquaculture and fisheries development, symbiotic lifestyle management of human beings, farm animals and plants, flood control mechanisms, draught control mechanisms, abatement of environmental pollutants, abatement of environmental hazards, hazardous waste processing, including asbestos & asbestos waste.

No. of Pages : 63 No. of Claims : 121

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2055/MUM/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : UNIQUE AND INNOVATIVE DOOR WITH BURGLAR TRAPPING SYSTEM

(51) International classification	:E05B	(71)Name of Applicant :
(31) Priority Document No	13/00	1)NITIN SHARAD VAIDYA
(32) Priority Date	:NA	Address of Applicant :TRIMUTI, GREAT GANGA
(33) Name of priority country	:NA	HOUSING SOCIETY, KOTHRUD, PUNE, 411052. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)DAMODAR RAMRAO PINPRATIWAR
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NITIN SHARAD VAIDYA
Filing Date	:NA	2)DAMODAR RAMRAO PINPRATIWAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses Unique and innovative door with burglar trapping system. The trapping mechanism which is fixed in the door and attached to the door levers is used to trap the hands of intruder (unauthorized person), who is attempting to open the door with mal intentions. A authorize person uses regular door opening mechanism to open the door and sets the trapping mechanism ON to provide the high security. When burglar rotates the main handle to open the door, the trapping mechanism gets activated. The trap arms are unwrapped to hold the hand of the burglar. Once the unauthorized person is trapped, then he cannot escape or break trap. Only authorize person can release the trapped person. This invention is used to provide high security in cost effective manner and helps the proper authorities to catch the unauthorized person in red hand.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2123/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BUTTON COVERS TO BE USED AS CLOTHING ACCESSORIES.

(51) International classification	:A44B	(71)Name of Applicant :
(31) Priority Document No	01/00	1)MIRRAR JEWELS P LTD
(32) Priority Date	:NA	Address of Applicant :UNIT C-4, WICEL, OPP.SEEPZ
(33) Name of priority country	:NA	MAIN GATE, MIDC, ANDHERI (EAST), MUMBAI - 400 093,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHAH, HIMANSHU
(61) Patent of Addition to Application Number	:NA	2)CHATTERJEE, PRABIR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to button covers to be used as clothing accessories. These button covers can be made of precious or non-precious metals and can be embedded with precious or semi-precious stones to enhance the beauty of the button. The button cover has a slider attached to it which secures the cover from below the button. The slider in this invention is based on a spring tension clasping system which gives it strength and longevity. These button covers can be wore on the sleeves in place of cuff links. Some men also wear a button cover at the top button on the collar and in this way replace them with ties. The present invention provides security in terms of an elaborate locking system due to which there are negligible chances of the button cover falling off.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.216/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/01/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENDOCERVICAL & ECTOCERVICAL SPATULA FOR COLLECTION OF SAMPLE FOR CERVICAL CYTOLOGY

(51) International classification	:A61B 10/00	(71)Name of Applicant : 1)KRISHNA INSTITUTE OF MEDICAL SCIENCES (Deemed to be University declared U/s 3 of UGC Act 1956 vide notification no. F.9-15/2001-U-3 of the Ministry of Human Resource Development Govt. of India) Address of Applicant :KRISHNA INSTITUTE OF MEDICAL SCIENCES NEAR DHEBEWADI ROAD MALKAPUR KARAD MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)DR. RADHIKA NANDAKUMAR JOSHI
(33) Name of priority country	:NA	2)MR. NIKHIL ARVIND KANHERE
(86) International Application No	:NA	3)DR. ASHA KRISHNA PRATINIDHI
Filing Date	:NA	4)DR. MRS. SUSHAMA DESAI
(87) 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 is devised which can take smear from any type of cervix. Since it enters endocervical canal there is no need for separate brush to take endocervical smears. It is made up of wood. It can take good scraping of endo cervix and transformation zone also. It gives very good scrapes without bleeding. Newly devised spatula is sturdy & can withstand repeated sterilization & reuse cycles. New spatula saves on resources, increases efficiently & quality of smears.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1835/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PRE-LOAD SWITCHING SYSTEM FOR FRONT FORK

(51) International classification	:B60G 17/00	(71)Name of Applicant : 1)GABRIEL INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :29TH, MILESTONE, PUNE NASIK
(32) Priority Date	:NA	HIGHWAY, VILLAGE : KURULI, TAL:KHED, DIST: PUNE -
(33) Name of priority country	:NA	410 501 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIVAKAR BHAT
(87) International Publication No	:N/A	2)MALLIKARJUN MARANOOR
(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 preload adjustment mechanism for front fork of a vehicle. The mechanism includes an adjuster means having a cam profile a plunger rod being mounted within the adjuster means and a bolt cap for holding the plunger rod against linear and rotational pressure. Upon giving rotational motion to the plunger rod, a protrusion of the plunger rod slides over the cam profile thereby achieving a predefined preload level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2192/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM AND METHOD FOR SPEND ANALYSIS OF THE SERVICE CATEGORY.

(51) International classification

:G06F
17/60

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: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)ZYCUS INFOTECH PVT. LTD.

Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,
ANDHERI(EAST), MUMBAI - 400096., MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)MR. SACHIN SHARMA

2)CHITRESH JAIN

(57) Abstract :

The present invention introduces a system containing an integration of iContract module and SPM module for analyzing and taking actions pertaining to contracts and suppliers performance in procurement process, comprising: iContract module containing database of contracts of suppliers; and SPM module adapted for measuring, analyzing and managing the performance of a supplier; it allows to view the supplier performance report corresponding to the specific contract being selected as well as to view contracts corresponding to the specific supplier being selected; present system allows the user to make a decision regarding renewal or termination of the contract with specified supplier, based on the performance report of the supplier.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1960/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR CONTINUOUS PRODUCTION OF ALCOHOL

(51) International classification

:C12O
7/06

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: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)IBI CHEMATUR (ENGINEERING AND CONSULTANCY) LTD.

Address of Applicant :IBI HOUSE, S-86 ANDHERI KURLA ROAD, CHIMATPADA, MAROL NAKA, ANDHERI(EAST), MUMBAI - 400 059, MAHARASHTRA, INDIA.

2)MITSUI ENGINEERING & SHIPBUILDING CO., LTD.

3)CHEMATUR ENGINEERING A B

(72)Name of Inventor :

1)SHAH, A., MANOJ

2)SAJGURE, ASHWINI

3)OHNO, KATSUHIRO

4)TAKAOKA, KAZUE

5)FURUKAWA, JUN

6)ERIKSSON, ANNA

(57) Abstract :

A method for continuous production of an alcohol to produce ethanol from molasses, including a fermentation step of continuously fermenting a mixed liquid containing molasses and ethanol fermentation yeast having flocculating and settling properties in a fermentor to obtain a fermentation liquor; a yeast separation step of continuously withdrawing the fermentation liquor from the fermentor and sending the fermentation liquor to a yeast separation tank, and separating yeast cells of the ethanol fermentation yeast by gravity settling from the fermentation liquor in the yeast separation tank to obtain a de-yeasted fermentation liquor and a yeast cell suspension; a yeast cell return step of continuously withdrawing the yeast cell suspension from the yeast separation tank and returning the yeast cell suspension to the fermentor; and a suspended solids separation step of continuously withdrawing the de-yeasted fermentation liquor from the yeast separation tank, sending the de-yeasted fermentation liquor to a suspended solids separation tank, and separating suspended solids derived from molasses by gravity settling from the de-yeasted fermentation liquor in the suspended solids separation tank to obtain a suspended solids-separated fermentation liquor and a suspension of suspended solids.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2007/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARATION OF HIGHER DERIVATIVES OF B-KETOESTER

(51) International classification	:C07B61/00 ,C07C51/09 ,C07C55/08	(71)Name of Applicant : 1)OMKAR SPECIALITY CHEMICALS LIMITED Address of Applicant :B-34, MIDC, BADLAPUR (EAST), DIST-THANE-421503, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)HERLEKAR, OMKAR PRAVIN
(33) Name of priority country	:NA	2)DURVE, KETAKEE SANJAY
(86) International Application No	:NA	3)PANDEY, RAJESH JAGDISHPRASAD
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses synthesis of β -ketoester derivatives of formula (I) Wherein, R1 alkyl group containing C1-C8 carbon atoms or aromatic ring; R2 is alkyl group containing C1-C18 carbon atoms, alkenyl group or phenyl group, by chelate mediation and subsequent hydrolysis using diluted mineral acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2028/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/07/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHEMICAL BATH DEPOSITION EQUIPMENT

(51) International classification	:C25D 19/00	(71)Name of Applicant : 1)BETKAR MAHESHWAR MALLIKARJUN
(31) Priority Document No	:NA	Address of Applicant :SHIVAI, GOKUNDA, TQ.KINWAT,
(32) Priority Date	:NA	DIST. NANDED, MS, INDIA, PIN_431811. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BETKAR MAHESHWAR MALLIKARJUN
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 concerns chemical bath deposition equipment for depositing the thin films and method thereof. The deposition method implemented by the invented equipment is advantageous in that, the integrated embodiment bi-directional DC motor successfully optimizes the thermal field distribution and flow field distribution inside the chemical bath reaction fluid, which improves the quality of thin films synthesized. The multiple substrate design enhances the quantity, hence less consumption of experimental compound solutions. The reaction ambience inside the housing is well isolated from the outside atmosphere for creating the toxic free surrounding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2348/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/08/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : REAL TIME VISIBLE LIGHT WIRELESS COMMUNICATION

(51) International classification	:H04B10/10 ,H04L27/00	(71) Name of Applicant : 1)PROF. DIPASHREE MILIND BHALERAO
(31) Priority Document No	:NA	Address of Applicant :111/II/SOUTH BLOCK, 44/1 OFF
(32) Priority Date	:NA	SINHGAD RD, VADGAON BUDRUK, PUNE,
(33) Name of priority country	:NA	MAHARASHTRA India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PROF. DIPASHREE MILIND BHALERAO
(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 envisages a system and method of wireless data transmission using visible light. Visible light can be transmitted by LED bank and received via an optical assembly having telescopic lens attached to high speed camera. Light intensity is now focused at the center of said camera based upon which the data is treated as 1 or 0. The present system enabling data coding and transmission provides a high speed and low power consuming method for wireless communication for both short and long distances.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2283/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/08/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A DRY CONCRETE MIX AND PROCESS OF PRODUCING THE SAME USING A CONCRETE MIX VEHICLE

(51) International classification	:B28C	(71)Name of Applicant :
(31) Priority Document No	5/00	1)MR. NILESH K. PATEL
(32) Priority Date	:NA	Address of Applicant :PLOT NO.51, THATTE NAGAR
(33) Name of priority country	:NA	COLLEGE ROAD, NASHIK-422 005 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. NILESH K. PATEL
(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 dry concrete mix and process of producing thereof, using a concrete mix vehicle, the said process comprising a concrete mix vehicle characterized in that, the Dry concrete cube (1) is lifted with a vehicle mounted crane (2), on the chassis of the vehicle, a power generator (3) is being provided on the vehicle by fixing means on the chassis, which provides a power in need of during dry mix of concrete, at the location, an operators cabin constructed at front side, the said cabin could be useful for the quality control such as testing cement, sand , ash etc, a water storage tank (7) and delivery system is being provided

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2234/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : THE METHOD AND PREPARATION OF WOMEN SEX BOOSTING TONIC

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)SANJAY DATTATRAY DHALKARI Address of Applicant :PLOT NO.39, SHRIHARI NAGAR, OPP MIDC, BASMAT ROAD, PARBHANI-431401, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANJAY DATTATRAY DHALKARI
(87) International Publication No	:N/A	2)SANJAY MATHURADAS BAJAJ
(61) Patent of Addition to Application Number	:NA	3)VILAS VINAYAKRAO KADI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a boosting tonic. More particularly it relates to women sex boosting tonic and or increasing appetite for sex. Further, more specifically it relates to a a non hazardous, non reactive, high satisfaction level and increase sex power in women to use on the skin of sexual part of the women. Also it relates to method of manufacturing sex boosting tonic.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2443/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : RAPID CURING OF RESIN BONDED GRINDING WHEELS USING DUAL FUNCTION OF MICROWAVE SUSCEPTOR

(51) International classification

:c09k

3/14

(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)PRADEEP METALS LTD.

Address of Applicant :R205, MIDC, RABALE, NAVI-MUMBAI 400 701, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR. PRADEEP GOYAL

2)MR. RITESH JAISWAL

3)DR. SHIVANAND BORKAR

(57) Abstract :

Rapid microwave curing of resin bonded grinding wheels using multifunctional sample holders made from microwave susceptor materials involving accelerated and volumetric controlled heating for curing of resin bonded grinding wheels. Rapid curing of grinding wheels by exposing them to the electromagnetic radiations (EMR) in microwaves frequency in the range of 900 to 3000 MHz, more particularly in the range 2450 ± 50 MHz. Susceptors are not only used as sample separators but also absorb microwaves effectively and efficiently at room temperature, which in turn heat the grinding wheels initially and then microwaves heat them volumetrically and rapidly. They also act as load that maintain the final geometry of the grinding wheel after curing, and absorb reflected microwaves from metallic constituents present in the grinding wheel. The microwave susceptor material used in the present invention is carbon bearing material e.g. graphite and/or silicon carbide. The microwave process provides an attractive alternative route to the curing of grinding wheels rapidly and economically.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2905/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIAPHRAGM OPERATED CNG PRESSURE REGULATOR WITH MULTIFEATUES.

(51) International classification	:F02M 17/04	(71)Name of Applicant : 1)VANAZ ENGINEERS LIMITED
(31) Priority Document No	:NA	Address of Applicant :85/1 PAUD ROAD, PUNE - 411 038,
(32) Priority Date	:NA	MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SARVATE SURESH RAGHUNATH
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 diaphragm operated CNG pressure regulator (100) connected to a CNG cylinder, comprising: a bonnet (114), a diaphragm (115), a body (116), a junction block (117), a safety relief valve (113), a high-pressure filter (112), a bull-nose connector (120), a CNG pressure gauge (111) and a refueling adaptor (104), said regulator (100) is rigidly mounted on the CNG cylinder directly at said junction block (117) by means of a bull-nose connector (120) and a coupling screw (119) in a sealing manner, wherein the outlet pressure of CNG can be reduced from 200 to any desired pressure by adjusting the spring load exerted by a spring (100) on said diaphragm (115) by means of an adjusting screw (109).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2450/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS FOR EXTENDED PERIODS OF SKIN MOISTURIZATION

(51) International classification	:A61K 8/00	(71)Name of Applicant : 1)MARICO LTD
(31) Priority Document No	:NA	Address of Applicant :RANG SHARDA
(32) Priority Date	:NA	KRISHNACHANDRA MARG BANDRA RECLAMATION
(33) Name of priority country	:NA	BANDRA(WEST) MUMBAI - 400050, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)AVANI MAINKAR
(61) Patent of Addition to Application Number	:NA	2)NIDHI AGARWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to skin moisturising compositions comprising upto 30% of coconut oil as a single active and cosmetically acceptable excipients, water, and optionally sensory modifiers wherein the said compositions retain moisturizing for substantially extended periods. The excipients are emulsifiers, structurants and thickeners. The sensory modifiers are preferably included in the compositions containing coconut oil from 10-30%. The invention also discloses a process for the preparation of moisturising compositions comprising steps: preparing a water phase by mixing water and preservatives followed by addition of thickener with heating upto 70°C; preparing an oil phase by mixing coconut oil, emulsifiers and structurants with heating upto 70°C; adding the heated oil phase to heated water phase followed by homogenization at temperatures upto 50 °C; adding neutralizer followed by the optional addition of a sensory modifier with heating upto 50 °C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3009/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AUTOMATIC ANY REQUIRED TEST TEA MAKING MACHINE.

(51) International classification	:A23F3/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GHODAKE SATWASHIL NANDAKUMAR
(32) Priority Date	:NA	Address of Applicant :BUILDING NO. 33/9, SECTOR-21,
(33) Name of priority country	:NA	SCH-6, YAMUNANAGAR, NIGDI, PUNE-411 044,
(86) International Application No	:NA	MAHARASHTRA. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)GHODAKE SATWASHIL NANDAKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to this invention automatic tea making machine are arranged in such a way that any required test tea can make quickly and continuously changing test as required with low cost. First time this machine tea solid element is liquefied and removes unwanted materials (i.e. tea leaf) and arranges adding sugar and milk so that any type of test tea make quickly.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3593/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMBINED REMOTE CONTROL FOR AC AND CEILING FAN.

(51) International classification	:G05F1/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PATEL PANKAJ HIRALAL
(32) Priority Date	:NA	Address of Applicant :C-1,SHUBHAM
(33) Name of priority country	:NA	FLATS,OPP:KUSHAL FLATS,LAD SOCIETY
(86) International Application No	:NA	ROAD, VASTRAPUR,AHMEDABAD-380 015,GUJARAT
Filing Date	:NA	STATE,INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATEL PANKAJ HIRALAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides combined controlling system for air conditioner and ceiling fan which allows automatic alternative working of air conditioner (2) and ceiling fan (5) on the desired mode such as normal mode (M1), cool mode (M2), comfort mode (M3) and economy mode (M4) for the desired time duration, wherein the said combined controlling system (1) mainly comprising of Main unit (3) and Secondary unit (4). The main unit (3) mainly consists of ON/OFF switch (OS), bypass switch (BS), timer key (TK), and the mode key (MK). The main unit (3) is provided with the encoder IC which sends RF/IR encoded signals to secondary unit whereby the said signals are converted to DC voltages and decodes the said signals and further transfers them to the microcontroller to turn ON/OFF the ceiling fan (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3410/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : MULTI LEVEL LOW FREQUENCY TECHNOLOGY FOR INCITING MINERALS IN WATER TO PREVENT HARD SCALE & COMBO EFFECT OF ULTRA SOUND WITH METAL IONS IMPLEMENTATION TO PREVENT BIO FOULING

(51) International classification	:C02F1/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR.SUBODH SAWANT
(32) Priority Date	:NA	Address of Applicant :15, VARSHADEEP VANSHRUSHTI
(33) Name of priority country	:NA	NAGAR, BADLAPUR [W], THANE - 421503 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SUBODH SAWANT
(87) 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 :

Equipment for Water treatment using multilevel low frequency technology for inciting minerals in water to prevent hard scale and effect of ultrasound with metal ions implementation to prevent Bio fouling. An equipment for auto ascendancy and prevention bio foulness in still and unclear water is in non-chemical way, the said equipment comprises of: 1) Power unit 2) Bio- fouling control unit 3) Descaling unit 4) Reservoir which includes microprocessor based multi frequency circuit wherein, said circuit includes: a) set of metal electrodes immersed in a cooling lower sump and electrically connected to 110/230V AC wherein when current passes through the metal electrodes ionization takes place and minor amount of metal parts are released in water for prevention of bacteria, algae. b)the set of inductors coils immersed in a cooling lower sump connected electrically to i 10/230 V AC here in current passes through inductor coil to generate low level frequencies in water because of which there is less precipitation of chemicals like calcium and magnesium salt on the reservoir body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.609/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED DEVICE FOR PHYSIOLOGICAL MONITORING OF NEONATES AND PEDIATRIC PATIENT

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of Maharashtra India and also having a place of
(86) International Application No	:NA	business named as Medical Equipment & Systems Gate No. 5
Filing Date	:NA	Mysore Campus KIADB Industrial Area Hebbal Mysore-
(87) International Publication No	: NA	570018 Karnataka India.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TEJAS Depaklal Bengali
(62) Divisional to Application Number	:NA	2)RAVINDRAN Nagarajan
Filing Date	:NA	

(57) Abstract :

The present invention relates an improved device for physiological monitoring of neonates and pediatric patient . The device comprises an enclosure means . The enclosure means comprises a front side of the enclosure means, a back side of the enclosure means and a central module of the enclosure means. The front side of the enclosure means comprises a display means adapted to display waveforms, numerical value and animations; a capacitive touch keyboard; a speaker means and a visual alarm comprises LED having different colors. The central module of the enclosure means operatively connected with the front and back side . The central module comprises a controller means operatively connected with a capacitive touch keyboard; visual alarm ; a level convertor means operatively connected with the controller means and the display means adapted to provide interface between the controller and display means; a speaker driver operatively connected with the controller means and the speaker means to operate the speaker means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/03/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : KRISHNA PLASTER-FREE MEAN VALUE DENTAL ARTICULATOR

(51) International classification	:A61C13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KRISHNA INSTITUTE OF MEDICAL SCIENCES
(32) Priority Date	:NA	Address of Applicant :KRISHNA INSTITUTE OF MEDICAL
(33) Name of priority country	:NA	SCIENCES NEAR DHEBEWADI ROAD MALKAPUR
(86) International Application No	:NA	KARAD MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAGTAP JAGDISH SHANKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is used for mounting dental models to make it possible to reproduce the movement and relative position of the jaws of patient on whose jaws dentures or crowns are to be fitted, without the use of plaster / any other adhesive medium. In order to construct an acceptable denture or crown the dentist makes negative impression of the affected tooth / teeth. The negative impression of patients arches is then processed normally in a dental laboratory to become a mold into which material for forming positive dental casts is poured. These positive casts are duplicates of patients arches with or without teeth and will then become the primary model to which the denture or crown is to be constructed. The dental casts are then mounted mechanically in an articulator to permit arrangement of the dentures or crowns in their proper position for occlusion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3412/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/08/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SINGLE STROKE ENGINE

(51) International classification

:F02B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Tamil Nadu India

2)N. BAPTIC PACKIARAJ

3)S. SURESH KUMAR

(72)Name of Inventor :

1)D. ABILASH

2)N. BAPTIC PACKIARAJ

3)S. SURESH KUMAR

(57) Abstract :

This patent work is based on the diesel engine that works on single stroke, which produces power for every 180° revolution of crank. The combustion occurs on both sides of the piston. The engine cylinder and piston is sealed on both sides to avoid leakage. The sealing is made by expandable ring in the piston and compression ring in the bottom of the cylinder. The connecting rod moves in a reciprocating motion and does not oscillate. This linear motion of the piston is converted into rotary motion in crank shaft by a connecting rod with sliding mechanism. The engine produces relatively more power than any other reciprocating engine. The Power to Weight ratio for this engine is high.

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

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.1094/DEL/1995 A

(19) INDIA

(22) Date of filing of Application :14/01/1995

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF POLYMER USEFUL FOR THE CONVERSION OF ESTERS AND AMIDES TO CORRESPONDING ALCOHOLS AND AMINES

(51) International classification

:C08L
33/08

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RAGHUNATH ANANT MASHLKAR

2)MOHAN GOPALKRISHNA KULKARNI

3)ROHINI NITIN KARMALKAR

(57) Abstract :

The present invention provides a process for the preparation of a new polymeric composition which exhibits catalytic activity similar to hydrolytic enzymes especially -chymotrypsin. The process of the present invention involves reacting vinyl monomers comprising functional groups present in the active site of a-chymotrypsin. The functional groups are brought together by complexation with a metal ion and an appropriate print molecule. The complex is then immobilized by polymerization in the presence of a cross-linker and a U.V. sensitive monomer. The resulting composition exhibits hydrolytic activity similar to -chymotrypsin and is useful for the conversion of esters and amides to. the corresponding alcohols and amines. The composition offers additional advantages such as enhanced catalytic activity due to improved accessibility in the high surface area .polymeric catalyst, stability at elevated temperatures, ease of recovery from the reaction mixture, ability to withstand pH variations and ability to switch on-off the catalytic activity by photoregulation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.14/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :04/01/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : Process for Crystal Modification of Hydrozinium Nitroformate

(51) International classification

:C06B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)Arun Kanti Sikder

2)Javaid Athar

3)Mrinal Ghosh

4)Amarjit Singh

5)Alapati Subhananda Rao

(57) Abstract :

The process for crystal modification of Hydraziniijm Nitroformate (HNF) to reduce the aspect ratio (L/D), and reduced sensitivity comprising the steps of: a) preparing modified crystals of HNF with controlled shape and size; b) preparing precured polyurethane based nano-composite for coating of said modified HNF; c) coating of the modified crystals with the polyurethane based nanocomposite based on polyols.

No. of Pages : 11 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3481/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :10/05/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOUNDS FOR TREATMENT OF ALZHEIMER'S DISEASE

(51) International classification :C07D
(31) Priority Document No :61/104,434
(32) Priority Date :10/10/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/060132
Filing Date :09/10/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PURDUE RESEARCH FOUNDATION
Address of Applicant :1281 Win Henschel Blvd. West
Lafayette INDIANA U.S.A.
(72)**Name of Inventor :**
1)GHOSH Arun Kumar

(57) Abstract :

Described herein are compounds, and pharmaceutical compositions, methods, and uses thereof for treating Alzheimers disease.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.366/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :18/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : PCR BASED MARKERS FROM RDNA ITS REGION FOR SPECIES DISCRIMINATION OF ZOONOTIC TREMATODE PARASITES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEPARTMENT OF BIOTECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :BLOCK-2, 7TH FLOOR, CGO
(33) Name of priority country	:NA	COMPLEX LODI ROAD, NEW DELHI-110003. Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VEENA TANDON
(87) International Publication No	:NA	2)ANUPAM CHATTERJEE
(61) Patent of Addition to Application Number	:NA	3)PRAMOD KUMAR PRASAD
Filing Date	:NA	4)LALIT MOHAN GOSWAMI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to A PCR-based molecular method dealing with markers from rDNA ITS region wherein the primers are 3S (forward): 5GGTACCGGTGGATCACTCGGCTCGTG-3 A28 (reverse): 5-GGGATCCTGGTTAGTTTCTTTTCCTCCGC-3 for species discrimination of zoonotic trematode parasites, comprising, recovering egg from mature adult flukes by squeezing between two glass slides, extracting DNA using Whatmans FTA card technique, DNA amplification using rDNA region spanning ITS2.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.373/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN APPARATUS FOR DECOLOURIZATION OF ANALYTES AND A PROCESS THEREOF

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RITA SANDIP DHODAPKAR
(61) Patent of Addition to Application Number	:NA	2)NAGESWARA RAO NETI
Filing Date	:NA	3)TAPAS NANDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is an apparatus for decolourization of analytes and a pretreatment process for colour removal from water and wastewater prior to analysis. The invention is based on titanium dioxide and UV light induced oxidation of chromophore bearing compounds which cause interference in analysis of anions by spectrophotometric or turbidimetric methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.402/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : Novel Microbicides

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)POULIOT Martin

2)LEFRANC David Guillaume Claude Francois

3)QUARANTA Laura

4)LAMBERTH Clemens

5)SRINIVAS Nityakalyani

(57) Abstract :

Compounds of formula I wherein G, represents together with the two ring atoms of the pyrimidine ring to which it is attached, a 5- to 6-membered aromatic heterocyclic ring system which contains one or two heteroatoms selected from the group consisting of nitrogen, oxygen and sulfur, and the other sUBstituents are as defined in claim 1, are suitable for use as m icrobiocides.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :23/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : ACID ADDITION SALTS OF IVABRADINE AND PREPARATION THEREOF

(51) International classification	:C07C	(71) Name of Applicant :
(31) Priority Document No	:NA	1)IND-SWIFT LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :S.C.O. NO. 850, SHIVALIK
(33) Name of priority country	:NA	ENCLAVE, NAC MANIMAJRA, CHANDIGARH-160 101
(86) International Application No	:NA	INDIA Chandigarh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)SINGH GAJENDRA
(61) Patent of Addition to Application Number	:NA	2)SINGH SATYENDRA PAL
Filing Date	:NA	3)WADHWA LALIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides novel acid addition salts of ivabradine of formula I, including their hydrates, solvates, anhydrous form, and non solvated form, both in amorphous and crystalline forms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5320/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STEREOPICTURE SHOOTING BRACKET

(51) International classification	:G03B 35/00
(31) Priority Document No	:200810204797.1
(32) Priority Date	:17/12/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/075654
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/069254
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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HONGMEI ROAD, MINHANG DISTRICT, SHANGHAI,
200237 (CN) China

(72)**Name of Inventor :**
1)GU, JINCHANG

(57) Abstract :

A stereopicture shooting bracket, includes: a bracket (10), a base (9) mounted on the base (10), a curved rail mounted on the base (9), a sliding block (2) moving along the curved rail (1), a camera (3) capable of continuous shooting mounted on a top of the sliding block (2), and a driving device for driving the sliding block (2). A circle the curved rail (1) locating locates on a horizontal plane. The stereopicture shooting bracket according to the present invention is capable of shooting pictures of a same object continuously from different angles, so as to overcome the drawback that the focus, metering, and angle of different cameras can not be consistent at the shooting moment.

No. of Pages : 9 No. of Claims : 5

(54) Title of the invention : FORMATION OF THIN UNIFORM COATINGS ON BLADE EDGES USING ISOSTATIC PRESS

(51) International classification :B26B 21/60
 (31) Priority Document No :12/352,371
 (32) Priority Date :12/01/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/020686
 Filing Date :12/01/2010
 (87) International Publication No :WO 2010/081118
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)WANG, XIANDONG**2)SONNENBERG, NEVILLE**

(57) Abstract :

The invention discloses isostatic-pressing (IP) applied to polymer (e.g., PTFE) coated razor blade edges to produce thin, dense, and uniform blade edges which in turn exhibit low initial cutting forces correlating with a more comfortable shaves. The isostatic press utilized may be a hot isostatic press (HIP) or cold isostatic press (CIP) or any other isostatic press process. The HIP conditions may include an environment of elevated temperatures and pressures in an inert atmosphere. The HIP conditions may be applied to non-sintered coatings or sintered coatings or before or after a Flutec® process is applied to coatings. CIP conditions may include room temperature and elevated pressure. The polymeric material may be a non-fluoropolymer or copolymer material or any composite thereof. It may be deposited initially by any method, including but not limited to, dipping, spin coating, sputtering, or thermal Chemical Vapor Deposition (CVD).

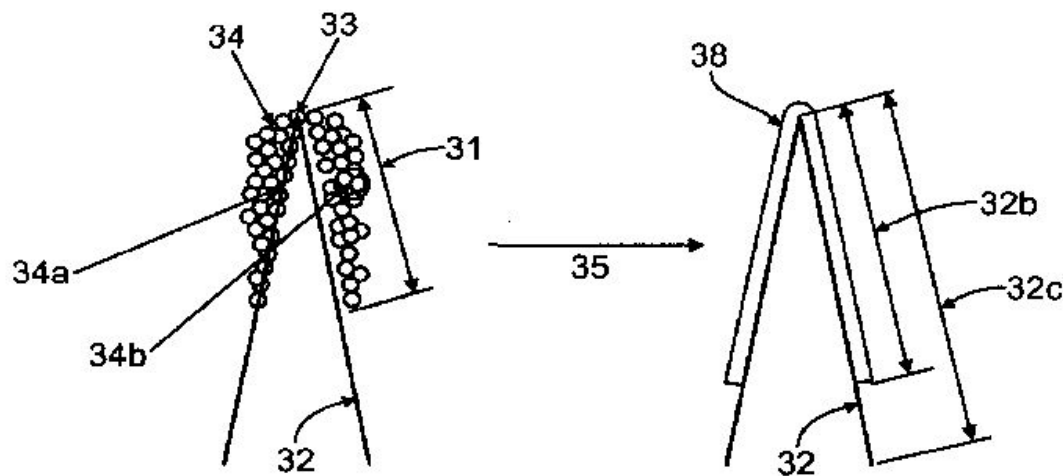


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5324/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIRECT CONTACT CONDENSING IN AN ACID GAS REMOVAL PROCESS

(51) International classification :B01D 53/40
(31) Priority Document No :12/354,916
(32) Priority Date :16/01/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/067861
Filing Date :14/12/2009
(87) International Publication No :WO 2010/082994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)PAN, JUNFENG

2)HUANG, RICHARD

3)DAVIS, LAMAR A.

(57) Abstract :

Systems and processes disclosed herein relate to the utilization of direct contact condensing to provide heat to a solvent regeneration loop in an acid gas removal process. A first direct contact condenser can be included in the upper section of a concentrator that removes acid gas from a rich solvent stream. A first slip stream can be heated in the first direct contact condenser and can be combined with the rich solvent stream in the lower section of the stripper. A second direct contact condenser can be included in the lower section of an absorber that removes acid gas from a feed gas. A second slip stream can be heated in the second direct contact condenser, and can be combined with the rich solvent stream before the rich solvent stream is provided to the concentrator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5326/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : LATCHES

(51) International classification :E05B 65/12

(31) Priority Document No :0822529.4

(32) Priority Date :10/12/2008

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2009/002858

Filing Date :10/12/2009

(87) International Publication No :WO 2010/067074

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)JOHN PHILIP CHEVALIER

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0QW, UNITED KINGDOM; U.K.

(72)Name of Inventor :

1)CHEVALIER, JOHN, PHILIP

(57) Abstract :

A latch for an automotive closure comprises a claw (2), which is spring- biased towards the semi-latched position, for engaging a striker (15) fixed to the closure, a pawl (4) for latching open the claw (2) and a single electric motor (40) selectively coupled to the pawl to cause it to release the claw to open the latch, in one direction of rotation of the motor, and to claw to move it into the fully latched position, in the opposite direction of the motor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :05/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI HYPOGLYCEMIC AND HYPOLEPIDEMIC COMPOUND AND A PROCESS THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHARMA, SUMAN BALA
(32) Priority Date	:NA	Address of Applicant :C-235 A, SURYA NAGAR,
(33) Name of priority country	:NA	GHAZIABAD-201011 (U.P.), INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHARMA, SUMAN BALA
(87) 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 comprises identification of active compound of formula I obtained from C. auriculata leaves for the development of new herbal drug having better therapeutic potential for treatment of diabetes and its complications. The present invention also demonstrates antihyperglycemic, hypolipidemic, antioxidant and antiatherosclerotic activity of the compound. The present invention also provides formulations comprising said active compound of Formula I. The present invention also relates to method for obtaining active compound of Formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5294/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PURIFYING LIPOPEPTIDES□

(51) International classification :C07K
(31) Priority Document No :61/153,660
(32) Priority Date :19/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/NO2010/000066
Filing Date :19/02/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)XELLIA PHARMACEUTICALS ApS
Address of Applicant :Dalslandsgate 11 2300 Kobenhavn S
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(72)Name of Inventor :
1)Martin Mansson
2)Eli Karin Dale
3)Sissel Hauge
4)Carsten Overballe-Petersen
5)Kjersti Aastrop Hirth
6)Dennis Brian Hansen

(57) Abstract :

The present invention relates to a process for purifying lipopeptides. More particular, the invention provides an improved method for purifying daptomycin.

No. of Pages : 13 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5329/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STABILIZED AGROCHEMICAL COMPOSITION

(51) International classification	:A01N 43/40
(31) Priority Document No	:61/143,494
(32) Priority Date	:09/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/020344
Filing Date	:07/01/2010
(87) International Publication No	:WO 2010/080891
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FOWLER JEFFERY D.

2)MILN COLIN D.

(57) Abstract :

Stabilized liquid agrochemical compositions are provided which comprise flowable non-aqueous dispersion concentrates comprising a continuous substantially water-miscible liquid phase, a dispersed water-immiscible liquid phase, and a colloidal solid. In one embodiment, the dispersed phase comprises at least one water-sensitive agrochemically active ingredient and the colloidal solid is disposed at the interface between the dispersed phase and the continuous phase. In another embodiment, the water-sensitive agrochemically active ingredient is a solid but is dissolved in an oily liquid present in the dispersed phase, or is a solid and is dispersed within the dispersed phase, or is a solid complex of an agrochemical with a molecular complexing agent and is dispersed within the dispersed phase. The compositions of the invention can be used directly or with dilution to combat pests or as plant growth regulators.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5331/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ALPHA-DERIVATIVES OF CIS-MONOUNSATURATED FATTY ACIDS INTENDED FOR USE AS A DRUG

(51) International classification	:A61K 31/201
(31) Priority Document No	:P200803480
(32) Priority Date	:09/12/2008
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2009/070561
Filing Date	:04/12/2009
(87) International Publication No	:WO 2010/066931
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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4)VICTORIA LLADO CANELLAS

5)RAFAEL ALVAREZ MARTINEZ

6)SILVIA TERES JIMENEZ

7)DANIEL LOPEZ

8)JUANA BARCELO ESTARELLAS

9)JULIAN TAYLOR GREEN

10)GERARDO AVILA MARTIN

(57) Abstract :

Alpha-derivatives of cis-monounsaturated fatty acids for use as medicines. The present invention refers to pharmaceutically acceptable compounds of Formula I, their salts and derivatives, where (a) and (b) can take any value between 0 and 14, (X) can be substituted by any atom or group of atoms with an atomic/molecular weight between 4 and 200 Da and (R) can be substituted by any atom or group of atoms with an atomic/molecular weight between 1 and 200 Da, for use as medicines.

No. of Pages : 75 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5346/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPRAYING METHOD AND DEVICE FOR A ROLLING PLANT

(51) International classification	:B21B 27/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/FR2009/000113
Filing Date	:02/02/2009
(87) International Publication No	:WO 2010/086514
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)VINCENT CRONIER
2)BERNARD ROSSIGNEUX

(57) Abstract :

The invention relates to a spraying method and device for a plant for rolling a strip (1), said plant comprising at least one rolling stand, said device including: a pair of working rolls (2a, 2b) between which the strip (1) runs; a plane (P) perpendicular to the running direction of the strip; at least one pair of supporting rolls (3a, 3b) for said working rolls (2a, 2b); two pairs of bearing rolls (5a, 5a, 5b, 5b), each of said pairs having the rolls (5a, 5a, 5b, 5b) thereof substantially symmetrically arranged on either side of the working rolls (2a, 2b) in a plane substantially parallel to the strip so as to transfer, to said working rolls (2a, 2b), a force for maintaining said working rolls in a predetermined position relative to the supporting roll; a support for said bearing rolls (5a, 5a, 5b, 5b) in the form of two rows including a plurality of bearing rollers (6) mounted side by side; at least one nozzle system for spraying at least a portion of the strip and at least a portion of said rolls, characterized in that at least one of the nozzle systems is capable of directly spraying at least a portion of the working rolls on either side of said plane which is perpendicular to the running direction of the strip.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4902/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :24/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL PROCESSES AND PURE POLYMORPHS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:2056/KOL/2008	1)GENERICS [UK] LIMITED
(32) Priority Date	:26/11/2008	Address of Applicant :Albany Gate Darkes Lane Potters Bar
(33) Name of priority country	:India	Hertfordshire EN6 1AG U.K.
(86) International Application No	:PCT/GB2009/051597	(72)Name of Inventor :
Filing Date	:25/11/2009	1)GORE, VINAYAK GOVIND
(87) International Publication No	: NA	2)PATIL Madhukar
(61) Patent of Addition to Application	:NA	3)BHALERAO Rahul
Number	:NA	4)MANDE Hemant
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to crystalline forms of the active pharmaceutical ingredient vorinostat, processes for their preparation and their use in pharmaceutical compositions.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5295/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI-Siglec-15 ANTIBODY □

(51) International classification :C07K
(31) Priority Document No :2009-094613
(32) Priority Date :09/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056294
Filing Date :07/04/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)HIRUMA Yoshiharu
2)TSUDA Eisuke
3)TAKIZAWA Takeshi
4)NAKAYAMA Makiko

(57) Abstract :

Disclosed is a pharmaceutical composition for treating and/or preventing abnormalities of bone metabolism, which targets a protein encoded by a gene that can be strongly expressed in osteoclasts. Specifically disclosed are: a pharmaceutical composition containing an antibody that can recognize human Siglec-15 specifically and has an activity of inhibiting the formation of osteoclasts; and others.

No. of Pages : 324 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5296/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR DRIVING A SHUTTLE IN THE REED OF A CIRCULAR LOOM WITHOUT CONTACT□

(51) International classification	:D03D
(31) Priority Document No	:A 0108/2009
(32) Priority Date	:22/01/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2010/050398
Filing Date	:14/01/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WAGNER Nikolaus

(57) Abstract :

The invention relates to a device for driving a shuttle (1, 1) that can be moved in the reed (17) of a circular loom along a circular orbit (16) without contact, comprising at least one permanent magnet (29, 29) on the shuttle (1, 1) and at least one magnet (22, 22) that is operatively connected to the at least one permanent magnet (29, 29) of the shuttle (1, 1) and that is arranged on a drive element (10) that can be moved concentrically to the orbit (16) of the shuttle, wherein an air gap (11) is formed between the shuttle (1, 1) and the drive element (10). The at least one permanent magnet (29, 29) of the shuttle (1, 1) and the at least one magnet (22, 22) of the drive element (10) are polarized in such a way that the at least one permanent magnet of the shuttle and the at least one magnet of the drive element mutually attract each other by means of magnetic forces and thus form a magnetic attraction section (14).

No. of Pages : 17 No. of Claims : 11

(54) Title of the invention : SYSTEMS AND METHODS FOR CHARACTERISTIC PARAMETER ESTIMATION OF GASTRIC IMPEDANCE SPECTRA IN HUMANS

(51) International classification :A61B 5/053
 (31) Priority Document No :61/160,409
 (32) Priority Date :16/03/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/027362
 Filing Date :15/03/2010
 (87) International Publication No :WO 2010/107715
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :

1)BELTRAN, NOHRA, E.

2)DE FOLTER, JOZEFUS, J.M.

3)GOODINEZ, MARIA, M.

4)SACHRISTAN, EMILIO

(57) Abstract :

Impedance spectroscopy has been proposed as a method of monitoring mucosal injury due to hypoperfusion and ischemia in the critically ill. The invention includes an algorithm developed to calculate the characteristic electrical values that best describe human gastric impedance measurements and simplify the information obtained with this method. A database of gastric spectra was obtained from healthy volunteers, cardiovascular surgery and critically ill patients. The gastric spectrum forms two semi circles in the complex domain, divided into low frequency ($F < 10$ kHz) and high frequency ($F > 10$ kHz). A fitting algorithm was developed based on the Cole model, and central characteristic parameters were calculated. The parameters were validated using the normalized mean squared error and 0.7 % of the spectra were discarded. From the experimental data obtained in humans, the greatest changes observed as the gastric mucosa becomes ischemic occur at low frequencies, which are specific and sensitive to tissue damage, and vary with the degree of hypoperfusion.

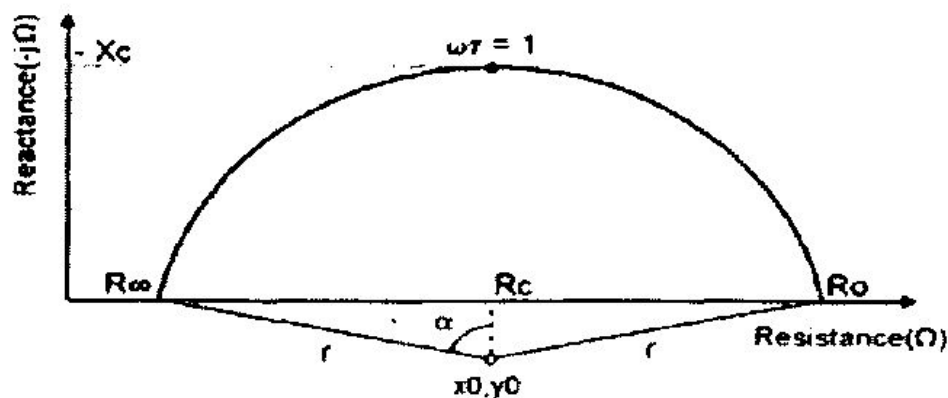


Fig. 1 Plot of impedance resembling semi circle in complex domain x_0, y_0 are the centre of the semi circle, and r is it's radius. Central resistance (R_c), reactance (X_c) and frequency (F_c) are calculated were $\omega\tau=1$.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5336/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPACTED PELLETIZED ADDITIVE BLENDS FOR POLYMERS

(51) International classification :C08K 13/02

(31) Priority Document No :61/122,247

(32) Priority Date :12/12/2008

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

(86) International Application No :PCT/US2009/067315

Filing Date :09/12/2009

(87) International Publication No :WO 2010/068666

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)CHATTERJEE, ANANDA, M.

2)LAFRANCE, TANIA, M.

3)D'UVA. SALVATORE

(57) Abstract :

Compacted additive blends, or polymer stabilization agent blends, can be added during the post-polymerization process to enhance the processability performance of polymers. The addition of certain compaction aids, such as high melting or non-melting metallic silicates and others, increases the resistance to friability of the compacted additive pellets. These compaction aids are non-migratory during the compaction process and after introduction into the polymer resin and thus have no deleterious effects. The additive blend can contain a variety of suitable additives in addition to the compaction aids.

No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.386/DEL/2010 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS OF MANUFACTURING BI-AXIALLY ORIENTED POLYESTER FILM DIRECTLY FROM THE POLYMER MELT □

(51) International classification	:C08J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)POLYPLEX CORPORATION LIMITED
(32) Priority Date	:NA	Address of Applicant :B 37 Sector 1 Gautam Budh Nagar
(33) Name of priority country	:NA	Noida 201 301 Uttar Pradesh India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Rajpal Yadav
(87) International Publication No	: NA	2)Rajander Singh Gaur
(61) Patent of Addition to Application Number	:NA	3)Rama Krishna Rao Kuchipudi
Filing Date	:NA	4)Bidhan Krushna Mohanty
(62) Divisional to Application Number	:NA	5)Ashutosh Mathur
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of manufacturing bi-axially oriented polyester film directly from the polymer melt. More particularly, the said process minimises the waste generated in the process and/or to reuse the waste. The present process is capable to produce single or multilayer bi-axially oriented polyester film, having uniform thickness.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.416/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/02/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM FOR ADJUSTING TEMPERATURE OF FLUE GAS IN WASTE HEAT RECOVERY (WHR) BOILER OUTLET OF PRE HEATER IN CEMENT KILN

(51) International classification

:F28C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)Tang Jinquan

(57) Abstract :

A system for adjusting temperature of flue gas at the outlet of a waste heat recovery boiler of a pre-heater in a cement kiln is described herein. The system includes a conditioning tower, a waste heat boiler, and at least one low pressure steam boiler provided at the outlet of the waste heat boiler. The conditioning tower conditions the flue gas coming from a pre-heater of the cement kiln, the waste heat boiler condenses flue gases coming from the pre-heater, thereby producing steam, and the low pressure steam boiler adjusts the pressure of the flue gas coming out of the waste heat boiler. REFER FIGURE I

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5135/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :04/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : REGENERATIVELY COOLED POROUS MEDIA JACKET

(51) International classification :F02K9/40
(31) Priority Document No :61/120,776
(32) Priority Date :08/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/067219
Filing Date :08/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MUNGAS Greg
2)FISHER David J.
3)LONDON Adam Pollok
4)FRYER Jack Merrill

(57) Abstract :

The fluid and heat transfer theory for regenerative cooling of a rocket combustion chamber with a porous media coolant jacket is presented. This model is used to design a regeneratively cooled rocket or other high temperature engine cooling jacket. Cooling jackets comprising impermeable inner and outer walls, and porous media channels are disclosed. Also disclosed are porous media coolant jackets with additional structures designed to transfer heat directly from the inner wall to the outer wall, and structures designed to direct movement of the coolant fluid from the inner wall to the outer wall. Methods of making such jackets are also disclosed.

No. of Pages : 71 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5340/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF INDUCING CLEAVAGE OF AMYLOID PRECURSOR PROTEIN TO FORM A NOVEL FRAGMENT

(51) International classification :C07K
(31) Priority Document No :61/122,705
(32) Priority Date :15/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/068010
Filing Date :15/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZENYAKU KOGYO KABUSHIKIKAISHA

(72)Name of Inventor :

1)OLTERSDORF Tilman

2)WEBER Eckard

3)GREEN Kim Nicholas

(57) Abstract :

The present invention provides a method of inducing cleavage of amyloid precursor protein to produce an approximately 17 kilodalton carboxy-terminal fragment of amyloid precursor protein in a subject, the method comprising administering a heterocyclic compound or a pharmaceutically acceptable salt, hydrate or prodrug thereof to a subject in need thereof, wherein the approximately 17 kilodalton fragment includes the carboxyterminal amino acid sequence of amyloid precursor protein and amyloid-beta amino acid sequence. Also provided is a screening method for identifying compounds induce cleavage of amyloid precursor protein to produce the approximately 17 kilodalton carboxy-terminal fragment of amyloid precursor protein.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5341/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PREPARATION OF SILOXANES

(51) International classification :C08G
(31) Priority Document No :61/122,764
(32) Priority Date :16/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/064318
Filing Date :13/11/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

[0028] The invention relates to a process for producing siloxanes comprising reacting at least two siloxanes in the presence of an ion exchange resin catalyst comprising from 6 to 19 weight %, based upon the dry weight of the ion exchange resin catalyst, water, at a temperature from ambient to 110 0C. The invention also relates to a process for reusing the ion exchange resin catalyst after the reacting of the at least two siloxanes in the presence of the ion exchange resin catalysts comprising adding water to the ion exchange resin catalyst to readjust the water content to from 6 to 19 weight % water, based on the dry weight of the catalyst, and then reacting at least two siloxanes in the presence of the readjusted water content ion exchange resin catalyst.

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

(54) Title of the invention : METHODS AND COMPOSITIONS FOR PROTEIN LABELLING

(51) International classification :A61K 51/08
 (31) Priority Document No :61/156,165
 (32) Priority Date :27/02/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/025334
 Filing Date :25/02/2010
 (87) International Publication No :WO 2010/099273
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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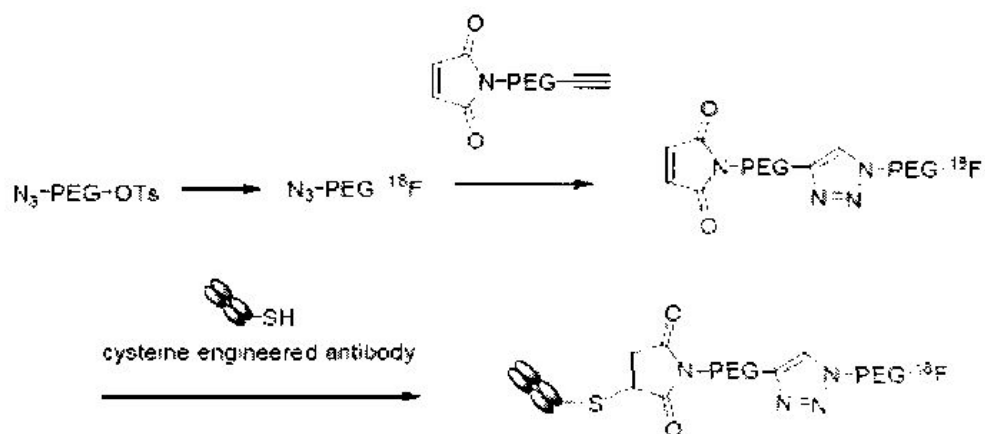
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(72)Name of Inventor :

1)GILL, HERMAN**2)MARIK, JAN****3)TINIANOW, JEFF****4)WILLIAMS, SIMON**

(57) Abstract :

A modular platform is provided for rapid preparation of various water-soluble prosthetic groups capable to efficiently introduce ^{18}F into proteins with ^{18}F labelling reagents. Figure: 1

**Figure 1**

No. of Pages : 53 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5350/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TASTING GLASS

(51) International classification	:A47G 19/22
(31) Priority Document No	:0950126
(32) Priority Date	:12/01/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/050206
Filing Date	:11/01/2010
(87) International Publication No	:WO 2010/079225
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ARNAUD BARATTE

(57) Abstract :

The tasting glass (1), of the type comprising a parison (2) generally being rotationally symmetrical around a vertical axis, comprises within said parison (2) a set of at least two internal ribs (7) evenly distributed on the periphery of the parison (2), extending in a substantially vertical plane, almost from the bottom of the glass, up to a height of the parison (2) lower than the normal filling level of the glass, different for each of the ribs (7). The tasting glass also comprises a dome (8), called nose-cap, located on the axis of the glass at the bottom of the parison (2). The ribs (7) each have the shape of a propeller blade surface. The invention also relates to a method for producing the glass according to the invention. Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5351/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHAIN GUIDE PLATE

(51) International classification :F16G 13/04
(31) Priority Document No :10 2009 006244. 0
(32) Priority Date :27/01/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/066193
Filing Date :02/12/2009
(87) International Publication No :WO 2010/086049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NICOLAS DOGIMONT
2)CHRISTIAN POIRET

(57) Abstract :

The invention relates to a chain guide plate, more particularly a chain guide side plate, having a contour profile (1) which has at least one contour profile section (3) of concave configuration and at least one contour profile section (7) of convex configuration situated opposite the contour profile section (3) of concave configuration. The proposal is that an area (22) formed by the contour profile section (7) of convex configuration can be arranged within an area (21) formed by the contour profile section (3) of concave configuration. Figure 1

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5352/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : FREEZE-DRYER AND METHOD OF CONTROLLING THE SAME

(51) International classification :f26b9/00;F26B 5/06
(31) Priority Document No :12/414,760
(32) Priority Date :31/03/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/025135
Filing Date :24/02/2010
(87) International Publication No :WO 2010/117508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBERT REX SEVER

3)BALAZS HUNEK

4)THEODORE HALL GASTEYER, III

(57) Abstract :

A freeze-dryer and method of controlling the same is provided. The disclosed freeze-dryer includes a chamber adapted to hold material or product to be freeze-dried; one or more depressurization orifices; a gas pressurization circuit having a source of gas to pressurize the chamber to a prescribed pressure; a depressurization circuit coupled to the chamber via the one or more orifices and having a depressurizing control valve; and a control unit adapted to pressurize the chamber with the source of gas and actuate the depressurizing control valve to depressurize the chamber upon command. The ratio of total depressurization orifice area to the chamber volume is preferably between about 6×10^{-2} and about $4 \times 10^{-4} \text{ m}^2/\text{m}^3$.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5353/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHLORHEXIDINE ACETATE ANTISEPTIC CLEANING AGENT

(51) International classification	:A61L 2/18
(31) Priority Document No	:12/349,347
(32) Priority Date	:06/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069209
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/080652
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HOANG, MINH Q.

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4)HUNT, DONALD E.

(57) Abstract :

An antiseptic cleaning agent, generally, comprising chlorhexidine acetate and a solvent, such as an alcohol and/or water. The chlorhexidine acetate acts as a highly effective biocide. Additionally, the chlorhexidine acetate allows the cleaning agent to dry without leaving a tacky residue. Where the cleaning agent comprises one or more alcohols, the alcohols may comprise any suitable alcohols, including lower alcohols having from 1 to 6 carbon atoms, such as ethanol and isopropanol. In addition to chlorhexidine acetate, the cleaning agent optionally comprises another non-alcohol biocide, such as triclosan. The cleaning agent can be used in any suitable manner. For instance, the cleaning agent may be impregnated in an absorbent material, such as a towelette, swabstick, or gauze. Additionally, the absorbent material may comprise a positively charged or a non-ionic substance, such as polypropylene or polyester. FIG 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5347/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PX OXIDATION REACTOR FOR PRODUCING TEREPHTHALIC ACID

(51) International classification :B01J 8/22
(31) Priority Document No :200910076703.1
(32) Priority Date :15/01/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN09/075384
Filing Date :08/12/2009
(87) International Publication No :WO 2010/081358
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)CHUN ZHANG
5)LIJUN LI
6)YINGZHI WANG
7)XIANGZHI XIE
8)YADAN ZHANG
9)GUORUI LAO
10)HAO ZHENG
11)XIANGYI CHEN

(57) Abstract :

A PX oxidation reactor for producing terephthalic acid comprises a reactor shell (1). The reactor shell (1) is in a tower shape and has a ratio of height to diameter of 2.8-5. A distributed-type air intake device and a cyclonic-type air intake device are disposed at the bottom of the reactor shell (1). The distributed-type air intake device comprises outer ring air distributing tube (4) and inner ring air distributing tube (5), wherein the air distributing tubes (2) are in circle shape. The cyclonic-type air intake device comprises multiple cyclonic air intake tubes (3) which are distributed around the vessel wall uniformly. Adopting combined air intake revolving device can force the fluid at the bottom of the reactor to rotate by adequate quantity of air, and the reactor has good air dispersion thus maintaining materials in normal suspension state. Moreover, adopting a ratio of height to diameter between that of high temperature reactor and that of low temperature reactor can both avoid maldistribution phenomenon occurring in low temperature reactor with a high ratio of height to diameter and have less power consumption superior to high temperature reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5348/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDRAULIC SYSTEM FOR WORKING VEHICLE

(51) International classification :F16H 57/02
(31) Priority Document No :2009-017879
(32) Priority Date :29/01/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/071575
Filing Date :25/12/2009
(87) International Publication No :WO 2010/087096
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
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2)HITOSHI MIYAMOTO

(57) Abstract :

A low-pressure pump (13) supplies oil stored in a steering case (32) to a steering device (4) as lubricating oil via a steering lubricating circuit (31). A high-pressure pump (14) supplies the oil stored in the steering case (32) to a clutch via a high-pressure circuit (33). A transmission lubricating circuit (34) branches off from the high-pressure circuit (33) via a relief valve (51) and supplies lubricating oil to a transmission device (3). A transmission-lubricating assist circuit (35) is provided so as to branch off from the steering lubricating circuit (31) and is connected to the transmission lubricating circuit (34). A transmission case (36) stores the oil used to lubricate the transmission device (3). A scavenging pump (15) returns the oil stored in the transmission case (36) to the steering device (4).

No. of Pages : 29 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5349/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BI-OBLIQUE TIP TANK FOR LNG

(51) International classification	:B63B 25/16
(31) Priority Document No	:0952046
(32) Priority Date	:31/03/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050573
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/112748
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SEBASTIEN DELANOE

(57) Abstract :

Ship including a bearing structure and a sealed and thermally insulated bow tank (53) designed to contain liquefied natural gas, said bow tank having several tank bulkheads (54, 55, 56, 57, 58, 59, 60, 61, 62, 63) attached to said bearing structure with each tank bulkhead having successively, in the direction of the thickness, from the inside to the outside of said bow tank, a primary sealed barrier, a primary heat insulating barrier, a secondary sealed barrier and a secondary heat insulating barrier, a first bulkhead (56) and a second bulkhead (63) among the said tank the heads, being adjacent to a ridge, with the primary sealed barrier of said first bulkhead including at least a first strake (67) connected at said ridge to said bearing structure by a pillar (69), characterised by the fact that the primary sealed barrier of said second bulkhead includes at least a second strake (64) connected at said ridge to said bearing structure by means of said pillar (69). (Figure for abstract: figure 4)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.535/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :09/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : SURFACE MODIFIED POROUS POLYMERS FOR ENHANCED CELL GROWTH

(51) International classification	:C08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DR. PRASAD, L. V. BHAGAVATULA
(61) Patent of Addition to Application Number	:NA	2)VIRGINIA D'BRITTO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for surface modification of polymer that enhances cell growth as well as inhibits growth of microorganisms is disclosed.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5342/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPLIT CYCLE RECIPROCATING PISTON ENGINE

(51) International classification	:F02B 41/06
(31) Priority Document No	:0822720.9
(32) Priority Date	:12/12/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002867
Filing Date	:11/12/2009
(87) International Publication No	:WO 2010/067080
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ATKINS, ANDREW, FARQUHAR

(57) Abstract :

A split cycle reciprocating piston engine includes a compression cylinder (2) accommodating a compression piston (4) and an expansion cylinder (12) accommodating an expansion piston (14). The compression cylinder (2) has an inlet port (30) for the admission of air and an outlet port (36) which communicates with a first path of a heat exchanger (5). The expansion cylinder (12) has an inlet port (52), which communicates with the first path of the heat exchanger (5), and an outlet port (56), which communicates with a second path of the heat exchanger (5) in heat exchange relationship with the first path. The method of operating the engine includes injecting a liquefied, non-oxidising, non-combustible gas, such as nitrogen, into the compression cylinder (2).

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5343/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDROPONIC CULTURE METHOD FOR THE PRODUCTION OF HALOPHYTES

(51) International classification :A01G 7/00
(31) Priority Document No :0858538
(32) Priority Date :12/12/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP09/066872
Filing Date :10/12/2009
(87) International Publication No :WO 2010/066857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NATHALIE POUPART

(57) Abstract :

The invention relates to a. hydroponic culture method for the production of at least one halophytic plant, consisting of the following steps, namely: a first culture step in a non-saline medium, comprising the germination of sown seeds of at least one halophytic plant; and a second culture step in a saline medium, comprising the growth of the germinated plants obtained in the first culture step, with the transition between the first and second cultivation steps being performed as soon as the maximum germination plateau is reached.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5362/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DIGITAL STEREO IMAGING PHOTSENSITIVE DEVICE FOR A GRATING AND A PHOTSENSITIVE MATERIAL AND ITS METHOD

(51) International classification	:G03B 27/52
(31) Priority Document No	:200810204798.6
(32) Priority Date	:17/12/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/075656
Filing Date	:16/12/2009
(87) International Publication No	:WO 2010/069256
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GU, JINCHANG

(57) Abstract :

A digital stereo imaging photosensitive device for a grating and a photosensitive material, includes: a photosensitive platform (8), connected with a base via a platform moving mechanism; a compressing mechanism (7) mounted on the photosensitive platform, wherein -a grating (5) is positioned on the compressing mechanism; a LCD displayer (2) suspending above the photosensitive platform; and a lens suspending above the photosensitive platform via a lens moving mechanism, wherein the lens is under the LCD displayer. And a method for digital stereo projection. The present invention does not need photosensitive paper after combining the grating and the photosensitive material, is capable of separating the photosensitive material and the grating after projection and sensitization, so that an ordinarily developing device can be used to develop. Furthermore, a double-faced film layer in the photosensitive material and the grating during projection and sensitization is not needed, and the color contract of the stereopictures is better than that of the prior art combining the grating with the photosensitive material before projection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5363/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSPORTABLE COMPACT MACHINE FOR PREPARING DRINK

(51) International classification :A47J 31/44

(31) Priority Document No :09150461.3

(32) Priority Date :13/01/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/050178

Filing Date :11/01/2010

(87) International Publication No :WO 2010/081774

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)DENISART, JEAN-LUC

3)PLEISCH, HANSPETER

4)MEIER, ALAIN

(57) Abstract :

Machine for preparing a drink, which comprises a body (20) and a head (21) fitted with a liquid-injection assembly (6), which comprises a support (7) to accommodate a portion of food ingredients and comprising a passage (10) through which the said drink can flow, the said head (21) being mounted on the said body (20) such that it can move in order to move from a retracted stowage position, in which the space occupied by the machine is minimal and the passage (10) is covered, into a deployed service position in which the space occupied by the machine is greater than the space occupied in the retracted position. In the retracted position, a housing (33) is provided in the head to accommodate the support (7) and, in the deployed position, the passage (10) is uncovered in order to allow the drink to flow over an empty space intended for the insertion of a container

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5354/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PREPARATION OF A PYRITHIONE SALT DISPERSION USABLE IN URETHANE APPLICATIONS

(51) International classification	:C08G 18/24
(31) Priority Document No	:12/322,256
(32) Priority Date	:30/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/021906
Filing Date	:25/01/2010
(87) International Publication No	:WO 2010/088157
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)THOMAS E. ROBITAILLE
5)MAURICIO DA SILVA FRANZIM

(57) Abstract :

The present invention relates to a stable pyrithione salt polyol dispersion containing a pyrithione salt(s) in particulate form, a polyol and a stabilizer such as a rheological additive. The dispersion can be incorporated into existing polyurethane formulations without additional formula adjustment. Polyurethane foams produced from the composition containing pyrithione salt polyol dispersion of the present invention have more open cell structures, than those produced with a typical commercially available pyrithione salt thus providing a soft comfortable feeling.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5355/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROFILED KEY FOR CYLINDER LOCKS

(51) International classification	:E05B 19/02
(31) Priority Document No	:0900207-2
(32) Priority Date	:18/02/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050189
Filing Date	:18/02/2010
(87) International Publication No	:WO 2010/096009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WIDEN, BO

(57) Abstract :

A key for use in a cylinder lock with a rotatable key plug having a profiled key way. The key comprises an elongated, substantially flay key blade (120; 120) having a longitudinal profile groove (122; 122) extending along at least a portion of the length of the key blade. The groove has an undercut portion (129) adjacent to a ridge portion (128, 128), the outside of which forms part of a side surface (123; 123) of the key blade. The undercut portion (129; 129) of the groove is expanded, at its innermost part adjacent to and inside said ridge portion, into a longitudinally extending pocket (135; 135).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5356/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTROMECHANICAL PRESSURE SWITCH WITH DISADVANTAGEOUS-LEVER AMPLIFICATION SYSTEM

(51) International classification	:H01H 35/26
(31) Priority Document No	:MI2008A002250
(32) Priority Date	:18/12/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2009/0067063
Filing Date	:14/12/2009
(87) International Publication No	:WO 2010/069911
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MA-TER S.R.L.

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PESSANO CON BORNAGO, MILAN, ITALY, Italy

(72)Name of Inventor :

1)OMATI, MARCO GEROLAMO

2)OMATI, ENNIO

(57) Abstract :

An electromechanical pressure switch is described comprising a hollow body formed by a base (1) and a cap (9), between which an elastically deformable membrane (5) is clamped and closes a pressure sensing chamber (4) which communicates with an inlet hole (3) for a pressurized fluid, and lever means (15) for transmitting the deformation of the membrane (5) caused by the pressurized fluid to an actuating push button (22) of a switchable microswitch (23). The lever means (15) consist of a one-piece third-kind lever (15), comprising a first end bend (16) clamped together with said membrane (5) between said base (1) and said cap (9) and a flat part (18) which bears at the free end a projecting rib (21) for controlling said actuating push button (22) of the microswitch (23). The flat part (18) of the lever (15) is adjustably fixed to an adjusting screw (13) having an axis coinciding with that of the pressure switch which has a spherical tip (12) in contact with a central point (11) of the membrane (5). Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5357/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPLICING SYSTEM

(51) International classification :H04N 7/24

(31) Priority Document No :61/216,071

(32) Priority Date :13/05/2009

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

(86) International Application No :PCT/IB2010/051528

Filing Date :08/04/2008

(87) International Publication No :WO 2010/131128

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SUNDY LEN

2)MIRSKY YAIR

3)ZENTNER ARIEL

4)WEINBACH Yael

(57) Abstract :

A system for switching from a first (14) to a second (16) audio/video sequence, the second sequence (16) including a splice point time stamp (12), the system including a disk (18) to store the first sequence (14), a receiver to receive the second sequence as live audio/video, a demultiplexer arrangement (24) to demultiplex at least some of the first sequence (14) from the disk (18) and the second sequence (16) from the receiver, demultiplex the first sequence fast enough so that the demultiplexing of the second sequence (16) can commence a number of frames prior to the splice point time stamp (12), a buffer (28,30) to receive for storage from the demultiplexer arrangement (24), the demultiplexed audio/video of the first sequence (14) and at least part of the second sequence (16), and a decoder (34,36) to decode the demultiplexed audio/video stored in the buffer (28,30) including decoding the first sequence (14) and then the second sequence (16) from the splice point time stamp (12). Related apparatus and methods are also described.

No. of Pages : 52 No. of Claims : 12

(54) Title of the invention : ANTAGONISTS OF LYSOPHOSPHATIDIC ACID RECEPTORS

(51) International classification :C07D 261/14
 (31) Priority Document No :61/122,568
 (32) Priority Date :15/12/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2009/068106
 Filing Date :15/12/2009
 (87) International Publication No :WO 2010/077883
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

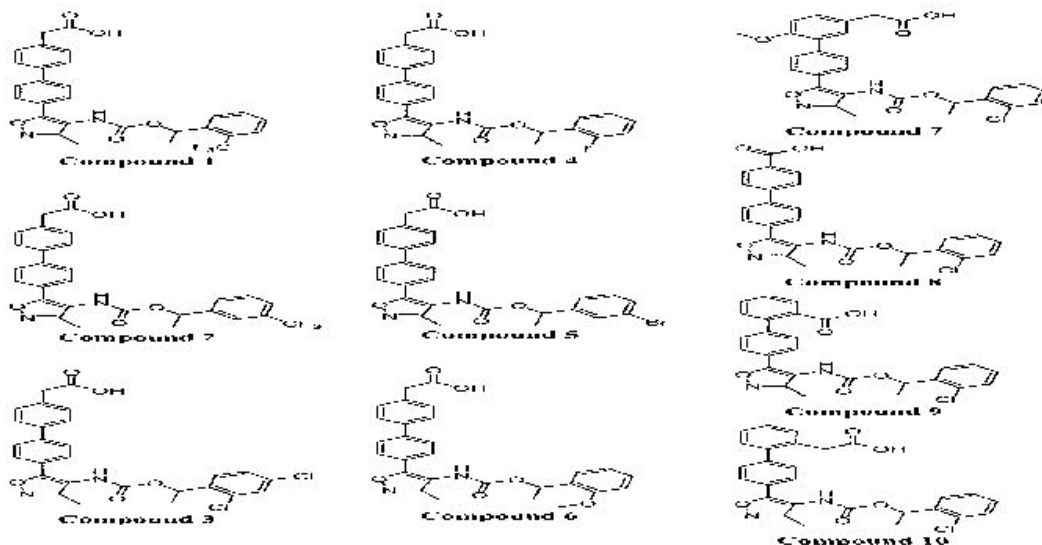
1)AMIRA PHARMACEUTICALS. INC.Address of Applicant :9535 WAPLES STREET, SUITE 100,
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(72)Name of Inventor :

1)HUTCHINSON, JOHN HOWARD**2)SEIDERS, THOMAS JON****3)WANG, BOWEI****4)ARRUDA, JEANNIE M.****5)ROPPE, JEFFREY ROGER****6)PARR, TIMOTHY**

(57) Abstract :

Described herein are compounds that are antagonists of lysophosphatidic receptor(s). Also described are pharmaceutical compositions and medicaments that include the compounds described herein, as well as methods of using such antagonists, alone and in combination with other compounds, for treating LPA-dependent or LPA-mediated conditions or diseases.

**FIGURE 1**

No. of Pages : 96 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5338/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING AN ANIONIC DRUG, AND A PRODUCTION METHOD THEREOF□

(51) International classification :A61K
(31) Priority Document No :10-2008-0134459
(32) Priority Date :26/12/2008
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/007804
Filing Date :24/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KIM Se-Ho
2)SON Ji-Yeon
3)LA Muhn-Ho
4)CHOI Sung-Won
5)SEO Min-Hyo

(57) Abstract :

The present invention relates to an anionic drug-containing pharmaceutical composition comprising: an anionic drug as an active ingredient; a cationic lipid; and an amphiphilic block copolymer, wherein the anionic drug forms a complex with the cationic lipid, and the complex is entrapped in the micelle structure of the amphiphilic block copolymer, and a method for preparing the same. The pharmaceutical composition may increase stability of the anionic drug in blood or in a body fluid, and it may enable intracellular delivery to improve efficacy of anionic drugs.

No. of Pages : 47 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5339/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVEMENT OF NORMAL COGNITIVE FUNCTION

(51) International classification :A61K
(31) Priority Document No :0802556-1
(32) Priority Date :12/12/2008
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2009/051407
Filing Date :11/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)COGNITE AB

Address of Applicant :Storgatan 27A S-411 24 Gteborg
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(72)Name of Inventor :

1)Daniel Klammer

(57) Abstract :

The present invention shows that administration of L-lysine enhances cognitive performance in healthy individuals directly and these improvements persist if L-lysine is continuously administrated. However, when administration is interrupted the cognitive performance returns to baseline.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5359/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM FOR PRODUCING ENERGY THROUGH THE ACTION OF WAVES

(51) International classification :F03B 13/10
(31) Priority Document No :12/316,772
(32) Priority Date :15/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/059531
Filing Date :05/10/2009
(87) International Publication No :WO 2010/071706
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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03755 USA. U.S.A.
(72)**Name of Inventor :**
1)BEANE GLENN L.

(57) Abstract :

A system and method for generating energy from the tuning masses relative to a ground plane and an external force In some embodiments the external force is the action of the waves The system has a first mass movable relative to the ground plane, wherein the external force induces an oscillation in the first mass relative to the ground plane A second movable mass is carried by and movable relative to the first movable mass The second movable mass creates kinetic energy as the result of varying the position of the second movable mass relative to the first mass The system adjusts or tunes the frequency of various components in relation to the natural frequency of the waves The second mass can move relative to the first mass by various methods The energy created by the relative motion can be converted to various forms of energy including electrical energy

No. of Pages : 57 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5360/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR REALIZING ENERGY SAVING CONTROL OF BS

(51) International classification :H04W 52/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCTCN2008/002118

Filing Date :29/12/2008

(87) International Publication No :WO 2010/078674

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)ZHAO, JIE

(57) Abstract :

The present invention discloses a method for implementing energy saving control at a NodeB, comprising: when a cell of a NodeB is required to sleep, a Radio Network Controller (RNC) sending an indication of sleeping a cell to the NodeB, and the NodeB sleeping the cell to enter into an energy saving state; and when the cell of the NodeB is required to wake up, the RNC sending an indication of waking up a cell to the NodeB, and the NodeB waking up the cell to exit the energy saving state. The present invention also discloses a system for implementing energy saving control at a NodeB.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5361/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHANGE DETECTION OF TARGET IDENTIFICATION DATA IN LAWFUL INTERCEPTION SYSTEMS

(51) International classification :H04L 29/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/050386

Filing Date :14/01/2009

(87) International Publication No :WO 2010/081551

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DI DONATO, RITA

2)CICCO, ROBERTO

3)DE SANTIS, RAFFAELE

4)DI SERIO, LUCA

(57) Abstract :

A node of telecommunications network comprises comparing means for comparing current mobile station ID information with previously stored mobile station ID information. The node also comprises preparing means for preparing a notification message including both the previous mobile station ID information and the current mobile station ID information.

No. of Pages : 21 No. of Claims : 6

(54) Title of the invention : 'PHENYLIMIDAZOLE COMPOUNDS

(51) International classification :CO7D 233/64
 (31) Priority Document No :2009-023793
 (32) Priority Date :04/02/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/051469
 Filing Date :03/02/2010
 (87) International Publication No :WO 2010/090200
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)OTSUKA PHARMACEUTICAL FACTORY, INC.

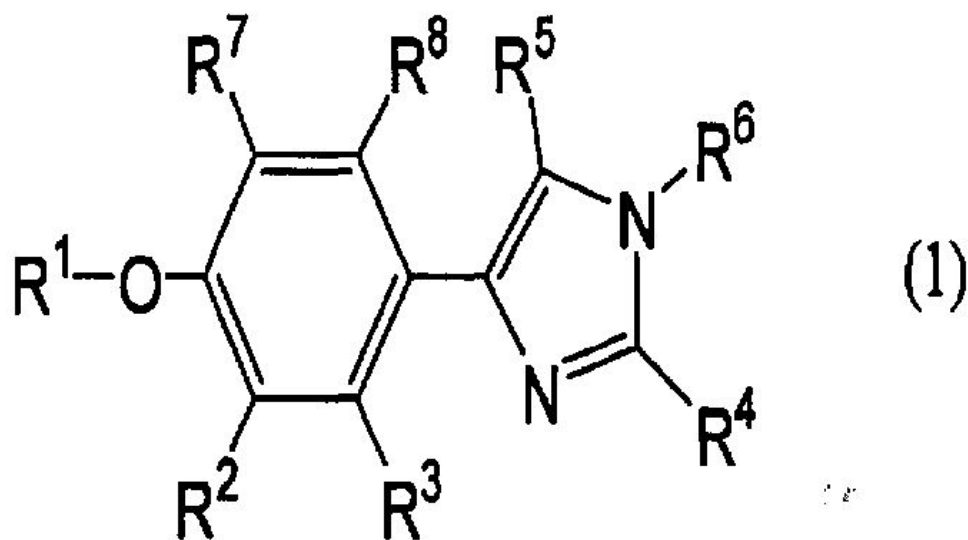
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(72)Name of Inventor :

1)TADAO SHIBUTANI**2)KOUSHI IWATA****3)SATOSHI KIDO**

(57) Abstract :

To provide a pharmaceutical product (chemotherapeutic agent) effective in the prevention and treatment of hyperlipidemia, obesity, etc. [Solving Means] A phenylimidazole compound represented by the following General Formula (1): wherein, R1 represents a hydrogen atom, a phenyl lower alkyl group optionally having a substituent, or a pyridyl lower alkyl group optionally having a substituent, and the benzene ring and the pyridine ring are optionally substituted with 1 or 2 substituents selected from the group consisting of halogen atoms, cyano group and halogen-substituted lower alkyl groups. One of R2 and R3 represents a hydrogen atom and the other represents a lower alkoxy group. R4 represents a phenyl group optionally having a substituent. R5 and R6 are the same or different, and represent a hydrogen atom or a lower alkyl group. R7 and R8 are the same or different, and represent a hydrogen atom or a lower alkoxy group. However, when R1 represents an unsubstituted phenyl lower alkyl group, R2 represents a lower alkoxy group, R3 represents a hydrogen atom, R4 represents a phenyl group optionally having a substituent, and R5 represents a hydrogen atom, R6 is not a hydrogen atom. [Selected Drawing] None



No. of Pages : 70 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5400/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENERGETIC NUTRITIONAL COMPOSITION COMPRISING A LAXATIVE, ELECTROLYTES AND CARBOHYDRATES

(51) International classification	:A61K 31/70
(31) Priority Document No	:EP 09150475.3
(32) Priority Date	:13/01/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/050210
Filing Date	:11/01/2010
(87) International Publication No	:WO 2010/081781
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DEVIERE, JACQUES
2)CAUCHE, NICOLAS
3)DELCHAMBRE, ALAIN
4)ARVANITAKI, MARIANNA

(57) Abstract :

An energetic or nutritive composition comprising: - at least one compound having laxative properties; - one or more mineral salts chosen among the class comprising at least sodium, potassium, chlorine, calcium, magnesium, phosphor or a combination thereof; and/or - nutrients comprising at least carbohydrates which may be assimilated by the human digestive system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5412/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PIPERIDINE DERIVATIVES USEFUL AS OREXIN ANTAGONISTS

(51) International classification :C07D 471/04

(31) Priority Document No :0823467.6

(32) Priority Date :23/12/2008

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP09/067658

Filing Date :21/12/2009

(87) International Publication No :WO 2010/072722

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)GIUSEPPE ALVARO

2)DAVID AMANTINI

(57) Abstract :

This invention relates to imidazopyridylmethylene substituted piperidine derivatives and their use as pharmaceuticals.

No. of Pages : 86 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.538/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

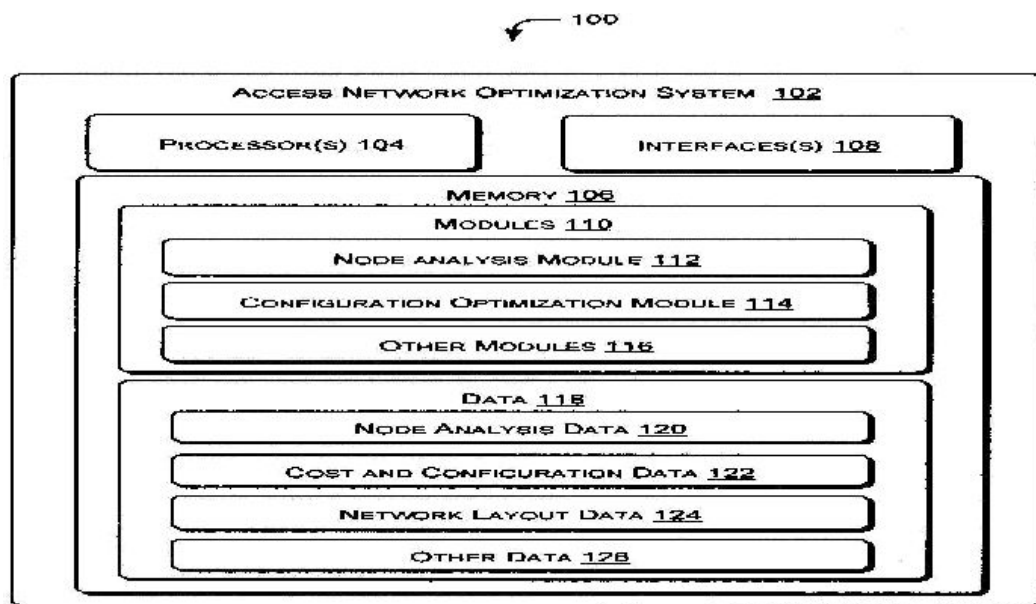
(54) Title of the invention : OPTIMIZATION OF AN ACCESS NETWORK

(51) International classification :H04L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HAUMIK, SOURJYA
2)NARLIKAR, GIRIJA
3)WILFONG, GORDON THOMAS

(57) Abstract :

Embodiments of a method to optimize an access network are described. According to one embodiment, the method comprises computing an optimal outgoing configuration for all possible incoming configurations of each node in the access network. The plurality of nodes in the access network include at least one access node and one or more child nodes. A principal incoming configuration for one or more child nodes of the access network is determined based on the optimal outgoing configuration of the access node. A principal outgoing configuration corresponding to the principal incoming configuration is identified for the one or more child nodes. Further, based on the principal incoming configuration and the principal outgoing configuration of the nodes, an optimized configuration for the access network is obtained.



No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2011

(21) Application No.5390/DELNP/2011 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR HYDROCARBON CONVERSION USING, METHOD TO MAKE, AND COMPOSITIONS OF, AN ACID CATALYST

(51) International classification	:B01J 31/18
(31) Priority Document No	:12/335,476
(32) Priority Date	:15/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064751
Filing Date	:17/11/2009
(87) International Publication No	:WO 2010/074843
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HOMMELTOFT, SVEN IVAR

2)ELOMARI, SALEH

3)LACHEEN, HOWARD S.

(57) Abstract :

A process for hydrocarbon conversion, comprising: contacting a hydrocarbon with an acid catalyst containing greater than 15 wt% conjunct polymer. The acid catalyst has a molar ratio of Al to a heteroatom selected from the group of N, P, O, S, and combinations thereof greater than 2.0. The hydrocarbon is converted during the contacting. Also a method to make a catalyst having greater than 15 wt% conjunct polymer and a high molar ratio of Al to the heteroatom, wherein an acidic ionic liquid catalyst is made that is effective for catalyzing a reaction. There are also provided catalyst compositions having greater than 15 wt% conjunct polymer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5391/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IONIC LIQUID CATALYST HAVING A HIGH MOLAR RATIO OF ALUMINUM TO NITROGEN

(51) International classification	:B01J 31/18
(31) Priority Document No	:12/335,487
(32) Priority Date	:15/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064596
Filing Date	:16/11/2009
(87) International Publication No	:WO 2010/074835
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)LACHEEN, HOWARD S.
2)ELOMARI, SALEH

(57) Abstract :

An ionic liquid catalyst is provided comprising an ammonium chloroaluminate salt, and having a molar ratio of Al to N greater than 2.0 when held at a temperature at or below 25°C for at least two hours. There is also provided an ionic liquid catalyst comprising an alkyl-pyridinium haloaluminate and an impurity, wherein the ionic liquid catalyst has a molar ratio of Al to N greater than 2.0 when held at a temperature at or below 25°C for at least two hours. In a third embodiment, there is provided an ionic liquid system for isoparaffin/olefin alkylation, comprising a quaternary ammonium chloroaluminate, a conjunct polymer, and a hydrogen chloride. The ionic liquid system has a molar ratio of Al to N from 2.1 to 8.0. Less than 0.1 wt% AlCl₃ precipitates from the ionic liquid system when it is held for three hours or longer at or below 25°C.

No. of Pages : 15 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5393/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : REDUCTION OF ORGANIC HALIDE CONTAMINATION IN HYDROCARBON PRODUCTS

(51) International classification :C07C 7/10
(31) Priority Document No :12/336,240
(32) Priority Date :16/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/067894
Filing Date :14/12/2009
(87) International Publication No :WO 2010/075038
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DRIVER, MICHAEL SEAN
2)ELOMARI, SALEH ALI
3)TIMKEN, HYE-KYUNG CHO

(57) Abstract :

A method for reducing halide concentration in a hydrocarbon product having an organic halide content which is made by a hydrocarbon conversion process using a halogen-containing acidic ionic liquid catalyst comprising contacting at least a portion of the hydrocarbon product with an aqueous caustic solution under conditions to reduce the halide concentration in the hydrocarbon product is disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/00204/DEL A

(19) INDIA

(22) Date of filing of Application :19/02/2002

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI- α 3 RECOMBINANT HUMAN ANTIBODIES, NUCLEIC ACIDS ENCODING THE SAME AND METHODS OF USE

(51) International classification	:C07K 16/28
(31) Priority Document No	:09/339,922
(32) Priority Date	:24/06/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2000/17454
Filing Date	:23/06/2000
(87) International Publication No	:WO 2000/78815
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)APPLIED MOLECULAR EVOLUTION
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DIEGO, CA 92121 U.S U.S.A.
(72)**Name of Inventor :**
1)HUSE, WILLIAM, D
2)WU, HERREN

(57) Abstract :

The invention provides enhanced LM609 grafted antibodies exhibiting selective binding affinity to Alpha,3, or to a functional fragment thereof. The invention also provides nucleic acid molecules encoding the enhanced LM609 grafted antibodies. Additionally provided are methods of inhibiting a function of Alpha,3, by contacting alpha,3, with an enhanced LM609 grafted antibody.

No. of Pages : 131 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5358/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR PRESSURE EXCHANGE

(51) International classification	:B01D 61/06 ;B01D 53/22
(31) Priority Document No	:12/361,647
(32) Priority Date	:29/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/020862
Filing Date	:13/01/2010
(87) International Publication No	:WO 2010/101669
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SHI RUIJIE

2)LAZATIN PATRICK

3)ERNO JEFFREY DAVID

4)ERNO DANIEL JASON

(57) Abstract :

Methods and systems for energy recovery in desalination or other systems are provided to transfer the pressure energy from one fluid to another fluid. A system for energy recovery (300) with a container comprises two sections (302,304) separated by one or plurality of flexible impermeable diaphragms (306) and pressures of the two fluids in the two sections are transmitted-during the cyclical filling and pumping operations, as well as flow control valves (308,310,312,314) As one embodiment, two flexible impermeable tubes operable to receive two fluids of different pressures respectively connect to flow control valves. The first fluid and the second fluid are separated by the flexible impermeable diaphragm formed by the flexible tubes. Cyclical inflows of the two fluids transmit the higher pressure of one fluid to the other through the diaphragm and transfer the energy from one fluid to the other.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1006/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM AND DEVICES FOR ASSISTING IN PLANTING AND GROWING FLOATING MACROPHYTE-TYPE PLANT SPECIES IN USES FOR THE PURIFICATION OF WATER

(51) International classification	:A01G 31/02,C02F 3/32
(31) Priority Document No	:P 200930721
(32) Priority Date	:23/09/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000391
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/036317
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RIESCO PRIETO, PABLO

2)TORRES JUNCO, VICENTE

(57) Abstract :

The invention relates to a system and devices for assisting in planting and growing floating macrophyte-type plant species in uses for the purification of water, comprising the use of three devices preferably formed from low-density plastic materials: a plane polygonal floating structure with elements for connecting to other floating structures, provided with at least one inner coupling bar connected to the contour of the floating structure or to another inner bar by means of a flexible arc; a plane cross-linked structure with elements for anchoring to the floating structure and at least one central circular housing; and a basket or cone consisting of a flexible plastic material and containing a copy of a macrophyte plant, a root cutting or rhizome with a troncoconical form.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1007/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDRAULIC COUPLER WITH PIN RETENTION SYSTEM FOR COUPLING AN ATTACHMENT TO A WORK MACHINE

(51) International classification	:E02F 3/36,F15B 15/00
(31) Priority Document No	:0916613.3
(32) Priority Date	:22/09/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/005770
Filing Date	:21/09/2010
(87) International Publication No	:WO/2011/035883
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HILL, IAN.

Address of Applicant :30 SHINN ROAD, NEWRY,
COUNTY DOWN, BT34 1PB, UNITED KINGDOM.

(72)Name of Inventor :

1)HILL, IAN.

(57) Abstract :

A coupler (10) for coupling an attachment to an excavator having a latching member (30) for retaining a rear pin (26) of the attachment and a blocking member (40) for retaining the front pin of the attachment. A hydraulic actuator (32) and spring (90) are provided for holding the latching and blocking members (30, 40) in their closed states. In the event of a failure of the actuator, the spring (90), the latching member (30) and the blocking member (40) together hold the front and rear pins (26, 26) in their respective recesses (20, 22) to allow continued operation of the coupler (10), while allowing the pins to move with respect to the coupler to create a rattling movement that can indicate to the operator that a failure has occurred.

No. of Pages : 51 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1008/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVEMENTS TO LAUNDRY COMPOSITIONS

(51) International classification :C08G 63/91
(31) Priority Document No :PCT/CN2009/001161
(32) Priority Date :20/10/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2010/064722
Filing Date :04/10/2010
(87) International Publication No :WO/2011/047950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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MARG, CHAKALA, ANDHERI (EAST), MUMBAI 400 099,
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(72)Name of Inventor :
1)JONES CHRISTOPHER CLARKSON
2)KILHAMS VANESSA
3)LV RUI
4)WANG JINFANG

(57) Abstract :

The present invention relates to a polymer material which is a copolymer of polyethylene terephthalate and polyoxyethylene terephthalate modified by attachment of a silicone group which is covalently bonded either directly or via an optional linker group to the copolymer, to an emulsion comprising a particle comprising (a) the modified copolymer and (b) a silicone liquid, and an aqueous continuous phase, a process to make the emulsion, to a laundry composition comprising the modified polymer or emulsion, and to the use of the modified copolymer to increase silicone deposition onto fabric.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1018/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARING AMINALE AND THEIR USE FOR PREPARING 1,3-DISUBSTITUTED PYRAZOLE COMPOUNDS

(51) International classification	:C07D 231/14
(31) Priority Document No	:09175093.5
(32) Priority Date	:05/11/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/066375
Filing Date	:28/10/2010
(87) International Publication No	:WO/2011/054733
(61) 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)DOCHNAHL, MAXIMILIAN

2)KEIL, MICHAEL

3)GOTZ, ROLAND

(57) Abstract :

Process for preparing aminale and their use for preparing 1,3-disubstituted pyrazole compounds

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1019/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : DRUG ELUTING COMPOSITE

(51) International classification	:A61L 29/00
(31) Priority Document No	:61/254,643
(32) Priority Date	:23/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053727
Filing Date	:22/10/2010
(87) International Publication No	:WO/2011/050260
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CLEEK, ROBERT, L.

2)CULLY, EDWARD, H.

3)HOLLAND, THERESA, A.

(57) Abstract :

The present invention relates to materials having therapeutic compositions releasably contained within the materials. The materials are configured to release therapeutic compositions at a desired rate. The present invention also relates to devices incorporating the materials.

No. of Pages : 26 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1003/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR REDUCING DNA FRAGMENTATION IN A POPULATION OF SPERM CELLS

(51) International classification	:C12N 5/076,C12M 1/34
(31) Priority Document No	:61/256,893
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054549
Filing Date	:28/10/2010
(87) International Publication No	:WO/2011/053727
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MORENO, JUAN

2)EVANS, MICHAEL

3)KJELLAND, MICHAEL

4)GOSALVEZ, JAIME

5)LOPEZ FERNANDEZ, CARMEN

(57) Abstract :

A method and system for sorting sperm samples according to different levels of DNA fragmentation and methods of using populations with low levels of DNA fragmentation to improve fertility and success rates of assisted reproductive procedures, including artificial insemination, in vitro fertilization, intracytoplasmic injection, and other related techniques.

No. of Pages : 25 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1004/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARING 1,3-DISUBSTITUTED PYRAZOLE COMPOUNDS

(51) International classification :C07D 231/14

(31) Priority Document No :09175079.4

(32) Priority Date :05/11/2009

(33) Name of priority country :EUROPEAN
UNION

(86) International Application No :PCT/EP2010/066372

Filing Date :28/10/2010

(87) International Publication No :WO/2011/054732

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF SE

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1)DOCHNAHL, MAXIMILIAN

2)KEIL, MICHAEL

3)WOLF, BERND

(57) Abstract :

A process for preparing 1,3-disubstituted pyrazole compounds.

No. of Pages : 46 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1005/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUPPORT OF PLANT ORIGIN (SEGMENT OF MACROPHYTE LEAF) FOR ASSISTANCE WITH SEED GERMINATION AND PLANT GROWTH

(51) International classification	:A01C 1/04
(31) Priority Document No	:P200930716
(32) Priority Date	:22/09/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000387
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/036315
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RIESCO PRIETO, PABLO

2)TORRES JUNCO, VICENTE, JUAN

(57) Abstract :

The invention relates to a support of plant origin, especially from macrophyte plants or other plants growing in a substrate or plants in an aqueous medium. Said support consists of a longitudinal segment of the leaf of a macrophyte plant that has been dried by a natural or artificial process, the result being the appearance of a macaroon, having an outer plant coating and an inner circular portion filled with a porous tissue. The type of plant used can be leaves of plants preferably such as typhas, neas, juncos, and cane for the structure and characteristics thereof. This support is used for the germination of seeds contributing to the growth and feeding of the seed until it becomes a plant, using the segment of macrophyte to which they adhere, said segment having particular characteristics as provider of oxygen and nutrition.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1025/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : HIGH-YIELD ANTIBIOTICS PRODUCING FUNGUS STRAIN, PREPARATION METHOD AND USE THEREOF

(51) International classification	:C12N 1/14,C07K 7/56
(31) Priority Document No	:200910196286.4
(32) Priority Date	:24/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/074271
Filing Date	:28/09/2009
(87) International Publication No	:WO/2011/035492
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)XU, JING

2)CHEN, YI

3)JI, XIAOLIANG

4)GAO, XIAOLIANG

5)LIU, SHIDONG

6)ZHANG, ZHAOLI

(57) Abstract :

High yield antibiotics producing fungus strain, preparation method and use thereof are provided. The fungus strain is a mutant derived from *Glarea lozoyensis*, and deposited in CGMCC with the accession number of CGMCC 2933. The preparation method concludes following steps:(a) mixing the culture media of *Glarea lozoyensis* strain ATCC 20957 with nitrosoguanidine, and obtaining mixture a; (b) mixing lywallzyme with the mixture a, and obtaining protoplasts; (c) regenerating the protoplasts, and obtaining single clones; and (d) culturing the single clones, then obtaining the mutant stain. This fungus strain has stable genetic and producing property, produces little impurities in fermentation, and is suitable to be used in industry.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR SINGLE-MOLECULE DETECTION

(51) International classification :G01N 21/63
(31) Priority Document No :12/801,503
(32) Priority Date :11/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2011/075598
Filing Date :10/06/2011
(87) International Publication No :WO/2011/153962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)RUNG-YWAN TSAI

3)YU-TANG LI

4)CHIH-TSUNG SHIH

5)MING-CHIA LI

6)CHANG-SHENG CHU

7)SHUANG-CHAO CHUNG

8)JUNG-PO CHEN

9)YING-CHIH PU

(57) Abstract :

An apparatus for detecting an object capable of emitting light. The apparatus includes a light source (102) and a waveguide (110). The waveguide (110) includes a core layer (112) and a first cladding layer (114). At least one nanowell (120) is formed in at least the first cladding layer (114). The apparatus further includes a light detector (106). The light detector (106) can detect light emitted from a single molecule object contained in the at least one nanowell (120).

No. of Pages : 74 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1000/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDROXYL, KETO, AND GLUCURONIDE DERIVATIVES OF 3-(4-(7H-PYRROLO[2,3-D]PYRIMIDIN-4-YL)-1H-PYRAZOL-1-YL)-3-CYCLOPENTYLPROPANENITRILE

(51) International classification	:C07D 487/04
(31) Priority Document No	:61/250,387
(32) Priority Date	:09/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052011
Filing Date	:08/10/2010
(87) International Publication No	:WO/2011/044481
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)SHILLING, ADAM

3)ARVANITIS, ARGYRIOS, G.

4)SHEPARD, STACEY

5)GALYA, LAURINE, G.

6)LI, MEI

7)NEDZA, FRANK, M.

(57) Abstract :

The present invention provides hydroxyl, keto, and glucuronide derivatives of 3-(4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl)-3-cyclopentylpropanenitrile.

No. of Pages : 77 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1002/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 4-SULFINYL-PYRAZOLE DERIVATIVES

(51) International classification :C07D 231/44

(31) Priority Document No :09174558.8

(32) Priority Date :30/10/2009

(33) Name of priority country :EUROPEAN
UNION

(86) International Application No :PCT/EP2010/066162

Filing Date :26/10/2010

(87) International Publication No :WO/2011/051284

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KORTE, ALEXANDER

2)HORNUNG, PAUL

(57) Abstract :

The present invention relates to a novel process for the preparation of a compound of formula (I), wherein R1, R2, R3, R4 and R5 are each independently selected from hydrogen, halogen, C1-C4-alkyl, C1-C4-haloalkyl, C1-C4-alkoxy, C1-C4-haloalkoxy, nitro, cyano, and pentafluorothio; R6 is C1-C4-alkyl, or C1-C4-haloalkyl; by oxidation of a compound of formula (II) with an oxidation agent selected from trifluoroperacetic acid and trichloroperacetic acid in the presence of a catalyst selected from hydroxides, oxides, sulfates, acetates or trifluoroacetates of lithium, magnesium, calcium, strontium, barium, titanium (IV), zinc (II) and manganese (II).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1023/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : FETAL SHUNT

(51) International classification	:A61M 25/01
(31) Priority Document No	:61/262,210
(32) Priority Date	:18/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/057187
Filing Date	:18/11/2010
(87) International Publication No	:WO/2011/063094
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)QUINTERO, RUBEN

(57) Abstract :

A medical device, system, and method are described for treating in utero a fetus with a lower urinary tract obstruction. An implantable medical device may have a flexible catheter and an anchor. The catheter may define a proximal port, a distal port, a longitudinal axis, and a lumen providing fluid communication between the ports. The anchor may be affixed to the catheter at a position between the ports, and may have a resilient proximal member and a resilient distal member spaced a longitudinal distance apart, the proximal member and distal member each extending radially outward with respect to the longitudinal axis. An elongate delivery member may be releasably affixed to the medical device, and the medical device may be delivered through a tubular sheath defining a sheath lumen.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1034/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER ELEMENT, FILTER DEVICE AND METHOD FOR PRODUCING A FILTER ELEMENT

(51) International classification :B01D 29/11
(31) Priority Document No :10 2009052123.2
(32) Priority Date :05/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/066880
Filing Date :05/11/2010
(87) International Publication No :WO/2011/054919
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GEHWOLF, KLAUS
2)MAIER, MICHAEL

(57) Abstract :

A filter element (1) comprises opposing end sections (3A, 3B) of a filter material sheet (2) that are connected to each other in a fluid-tight manner, wherein a molded or extruded plastic casing (5) encloses the end edges (4A, 4B) of the end sections (3A, 3B). A method for producing a corresponding filter element (1) comprises the encasing of opposing end edges (4A, 4B) of end sections (3A, 3B) of a filter material sheet (2) with a plastic casing (5) so as to form a continuous bellows.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1035/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHAMFERING DEVICE AND GEAR PROCESSING MACHINE PROVIDED THEREWITH

(51) International classification	:B23F 19/10
(31) Priority Document No	:2010-057009
(32) Priority Date	:15/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067504
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/114558
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MASUO KOICHI

2)TOKAWA TAKAHIDE

(57) Abstract :

Provided is a chamfering device such that in a simple configuration, position adjustments of a chamfering cutter and a deburring cutter with respect to a workpiece can be easily carried out. The chamfering device is equipped with the chamfering cutter (31); the deburring cutter (32), which has a diameter different from that of the chamfering cutter; and a cutter swing block (35), a cutter longitudinal feed block (42), and a base block (43), which rotatably support the chamfering cutter (31) and the deburring cutter (32), and are capable of subjecting the chamfering cutter (31) and the deburring cutter (32) to position adjustment with respect to the workpiece (W). The workpiece (W), the chamfering cutter (31), and the deburring cutter (32) are disposed so that the cutter longitudinal feed block (42) can perform single-axis feeding with respect to the workpiece (W). The chamfering cutter and the deburring cutter are disposed so that the cutting change amount of the chamfering cutter and that of the deburring cutter will be approximately equal to each other throughout the diameter range of the workpiece to be processed.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1009/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING CENTRALLY MEDIATED NAUSEA AND VOMITING

(51) International classification	:A61K 31/4178
(31) Priority Document No	:61/262,470
(32) Priority Date	:18/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/003106
Filing Date	:18/11/2010
(87) International Publication No	:WO/2011/061622
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)CANTOREGGI, SERGIO

3)ROSSI, GIORGIA

4)CANNELLA, ROBERTA

5)BONADEO, DANIELE

6)BRAGLIA, RICCARDO

(57) Abstract :

Provided are compositions and methods for treating or preventing nausea and vomiting in patients undergoing chemotherapy, radiotherapy, or surgery.

No. of Pages : 41 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1020/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : TABLE TOP QUICK COOLING DEVICE

(51) International classification	:F25D 3/02
(31) Priority Document No	:12/566,702
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058290
Filing Date	:25/09/2009
(87) International Publication No	:WO/2011/037569
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SUNDHAR, SHAAM

2)SHANTHA TOTADA

(57) Abstract :

A tabletop cooling device has a housing that contains an ice storage chamber with hinged cover. Adjacent to the ice storage chamber is a chiller that also has a hinged cover. An ice maker is container within the ice storage chamber to produce ice. A water storage tank is provided to supply water to the ice maker. The chiller contains a removable cage that holds cans or bottles of liquid refreshments. The chiller holds water and ice to bathe the cage in a low temperature slurry. A compressor, condenser and associated components are used to produce the low temperatures needed to produce the ice. In another embodiment, solid state thermoelectric modules take the place of the compressor, etc. The ice storage chamber and chiller are insulated with a high R rated insulation. Rotation is controlled by a control panel which can also monitor temperature, etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1029/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUPPORT DEVICE AND MAIN BUILDING OF CONCRETE MIXING PLANT USING THE SAME

(51) International classification :B28C 5/00,E04B
1/24
(31) Priority Document No :CN 200920220128.3
(32) Priority Date :26/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074696
Filing Date :29/06/2010
(87) International Publication No :WO/2011/050625
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ZHANG, JIAPING

2)NI, XIAOQING

3)JIANG, ZHIHUI

(57) Abstract :

A support device (100) and a main building of a concrete mixing plant using the same are provided. The support device (100) comprises: a first support bar (2) having a first end (21) connected to a first supported body (13), a second support bar (7) having a first end (71) connected to a second supported body (12), an adjusting bar (6) having opposite threads on both ends and respectively threadedly connected to a second end (22) of the first support bar (2) and a second end (72) of the second support bar (7). The adjusting bar (6) is arranged between the first support bar (2) and the second support bar (7) in the support device (100), and rotation directions of the threads on two ends of the adjusting bar (6) are different, hence when the adjusting bar (6) is rotated, the first support bar (2) and the second support bar (7) can be screwed in or out simultaneously in order to adapt different support distances to make up for a problem of a major error deviation in an actual installation process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1039/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYESTER RESIN COMPOSITION, POLYESTER FIBER POLYESTER RESIN MOLDED ARTICLE, AND PROCESS FOR PRODUCTION OF NUCLEATING AGENT POLYESTER RESIN

(51) International classification	:C08L 67/00
(31) Priority Document No	:2009-228982
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066574
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/040337
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TSUNEIZUMI, YOTA

2)URUSHIHARA, TSUYOSHI

3)KAWAMOTO, NAOSHI

(57) Abstract :

Disclosed is a polyester resin composition which rarely undergoes discoloration even though the composition contains a sulfoneamide compound as a nucleating agent. Specifically disclosed is a polyester resin composition which contains a phosphorus-containing antioxidant agent (A) in an amount of 0.01 to 30 parts by mass and a sulfoneamide compound metal salt (B) in an amount of 0.1 to 30 parts by mass relative to 100 parts by mass of a polyester resin. The polyester resin composition is characterized in that the water content in the sulfoneamide compound metal salt (B) is 0.1% to 20% by mass relative to the mass of the sulfoneamide compound metal salt and is 3% by mass or less by mass relative to the mass of the polyester resin composition.

No. of Pages : 102 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1036/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PRODUCING METALLIC-SODIUM-FILLED ENGINE VALVE

(51) International classification :F01L 3/14
(31) Priority Document No :2010-041408
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/065465
Filing Date :09/09/2010
(87) International Publication No :WO/2011/104912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YOSHIMURA COMPANY
(72)**Name of Inventor :**
1)MORII HIROKAZU
2)YOSHIMURA HYOJI

(57) Abstract :

Disclosed is a method for producing an engine valve (V) filled with metallic sodium (Na) within by means of: forming a stem section (S), which has a hollow section (H), at an intended size by successively drawing the stem section (S) using dies (D1, D2, Dx, Dx+1, Dn) in a manner so as to causing the size of the outer diameter and the inner diameter of the stem section (S) to contract in a stepwise fashion; and inserting metallic sodium (Na) into the hollow section (H) of the stem section (S) wherein after drawing the stem section (S) until the inner diameter of the hollow section (H) of the stem section (S) has become a prescribed size (steps S11-S15) and then inserting the block-shaped solid metallic sodium (Na) into the hollow section (H) of the stem section (S) (step S16), the stem section (S) is further drawn (steps S17 and S18).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1037/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BROACH CHIP REMOVAL APPARATUS AND BROACH CHIP REMOVAL METHOD

(51) International classification	:B23D 39/00
(31) Priority Document No	:2010-020831
(32) Priority Date	:02/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065907
Filing Date	:15/09/2010
(87) International Publication No	:WO/2011/096105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES, LTD.

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(72)Name of Inventor :

1)FUJITA YOSHIHITO

2)TAKEHANA ISAMU

(57) Abstract :

Disclosed are a broach chip removal apparatus and a broach chip removal method with which chips attached inside cutting grooves can be efficiently removed from a broach by inserting a brush up to the end of the cutting grooves of the broach. A broach chip removal apparatus for removing chips from a broach (11) in which cutting edges (12) are provided in multiple stages at regular intervals in the axial direction of the broach (11), wherein the broach chip removal apparatus is provided with: a broach movement motor (22) which moves the broach (11) in the axial direction of the broach (11); a brush (33) which has a screw shape having a lead equal to the pitch between the cutting edges (12) so that the brush (33) can mesh with cutting grooves (13) formed between the cutting edges (12); a brush rotation motor (41) which rotates the brush (33) about the axis of the brush (33); and an NC apparatus (51) which controls the broach movement motor (22) and the brush rotation motor (41) in such a way that the brush (33) meshes with the cutting grooves (13).

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1038/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SURFACE PROTECTIVE COATING AND METHODS OF USE THEREOF

(51) International classification :C09D 183/14
(31) Priority Document No :12/607,413
(32) Priority Date :28/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054182
Filing Date :27/10/2010
(87) International Publication No :WO/2011/056615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)LIAO, WEN, P.
2)MORDHORST, STEVEN, R.
3)TAN, LAI. N.

(57) Abstract :

A coating composition suitable for providing a thermoformable hardcoat is disclosed. The composition contains a silane-containing oligomer (A), a silane (B) having the general formula $R_3cSiX(4-d)$ wherein each occurrence of R_3 is independently a C1-C8 alkyl, C2-C8 alkenyl or C6-C20 aryl, each occurrence of X is a halogen atom, C1-C6 alkoxy, C1-C6 acyloxy, C1-C6 alkenoxy or hydroxide; d is 0, 1 or 2, a metal oxide (C) and a condensation catalyst (D) wherein components (A), (B) and (C) are hydrolytically condensed in the presence of component (D) to achieve a T3 to T2 ratio of from about 0.3 to about 2.5.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1048/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FIBER PREFORM, FIBER REINFORCED COMPOSITE, AND METHOD OF MAKING THEROF

(51) International classification :B29C 70/22
(31) Priority Document No :12/607,715
(32) Priority Date :28/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054117
Filing Date :26/10/2010
(87) International Publication No :WO/2011/056586
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GOERING, JONATHAN

(57) Abstract :

A woven fiber preform (100, 200), a fiber reinforced composite incorporating the preform (100, 200), and methods of making thereof are disclosed. The woven preform (100, 200) includes a plurality of warp and weft yarns or fibers interwoven to form a continuous spiral fabric (50). The spiral fabric (50) may take the shape of an Archimedes spiral. The weft yarns in the preform (100, 200) may have a uniform or variable pick spacing, or a uniform or variable angular separation. The spiral fabric (50) of the Archimedes spiral may be assembled or wrapped to form a conical shell structure, which could be a portion of a spinner or an exit cone. The spiral fabric (50) may be woven on a loom equipped with a differential take-up mechanism.

No. of Pages : 22 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1044/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PRODUCING METALLIC-SODIUM-FILLED ENGINE VALVE

(51) International classification :F01L 3/14
(31) Priority Document No :2010-041409
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068004
Filing Date :14/10/2010
(87) International Publication No :WO/2011/104923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)MORII HIROKAZU
2)MARUYAMA KAZUTAKA
3)YOSHIMURA HYOJI

(57) Abstract :

In the disclosed method, an engine valve (V) filled with metallic sodium (Na) within is produced by means of hardening metallic sodium (Na)that has been liquefied through heat-meltinginto rods by linearly discharging the metallic sodium (Na) in a liquid hydrocarbon (120), thus cooling the metallic sodium, then inserting these rods into a hollow section (H) through the opening (M) of a stem section (S), and then sealing the opening (M).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1045/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MACHINE DISPLACEMENT ADJUSTMENT SYSTEM FOR MACHINE TOOLS

(51) International classification	:B23Q 15/18
(31) Priority Document No	:2010-002631
(32) Priority Date	:08/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065911
Filing Date	:15/09/2010
(87) International Publication No	:WO/2011/083596
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YAMAMOTO HIDEAKI

(57) Abstract :

Provided is a machine displacement adjustment system for machine tools, which uses a tilt angle detector, such as a level, which can directly detect the tilt angle of a machine structure, such as a column. Said system is provided with: a tilt angle detector (a level) which is disposed on a machine tool structure, detects the tilt angle of said structure, and outputs data of the tilt amount; and an adjustment device (92) which has a tilt amount data inputting unit (93) for inputting the aforementioned data of the tilt amount (c1 to c6) obtained from the tilt angle detector, a machine displacement amount calculating unit (94) for calculating the machine displacement amount of the aforementioned structure on the basis of the data of the tilt amount (c1 to c6) inputted by means of the tilt amount data inputting unit, and an adjustment amount calculating unit (95) for calculating the adjustment amount of the displacement axes (X axis, Y axis, and Z axis) of the machine tool on the basis of the machine displacement amount of the structure calculated by means of the machine displacement amount calculating unit.

No. of Pages : 37 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1046/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING CARRIER SCHEDULING MODE

(51) International classification :H04W 72/04
(31) Priority Document No :CN 200910235258.9
(32) Priority Date :29/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077368
Filing Date :27/09/2010
(87) International Publication No :WO/2011/038666
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LI, HAITAO
2)XU, FANGLI
3)LIANG, JING

(57) Abstract :

A method for indicating and determining a carrier scheduling mode in a Long Term Evolution-Advanced (LTE-A) system is disclosed in the present invention. The method is that: a network device determines whether a component carrier adopts a cross-carrier scheduling mode to perform resource scheduling, and transmits first indication information that indicating whether the component carrier adopts the cross-carrier scheduling mode to perform the resource scheduling to a User Equipment (UE), so as to indicate the UE to determine whether adopting the cross-carrier scheduling mode to perform the resource scheduling on a component carrier supported by the UE itself according to the received first indication information. By adopting the present solution, the UE supporting multi-carriers in the LTE-A system is able to determine which mode one certain component carrier or several certain component carriers adopt to perform the resource scheduling, thereby performing data reception/transmission correctly.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1047/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : N-SULPHONYLPYRROLES AND THEIR USE AS HISTONE DEACETYLASE INHIBITORS

(51) International classification :C07D 207/48

(31) Priority Document No :05102019.6

(32) Priority Date :15/03/2005

(33) Name of priority country :EUROPEAN

UNION

(86) International Application No :PCT/EP2006/060712

Filing Date :14/03/2006

(87) International Publication No :WO/2006/097474

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :1626/MUMNP/2007

Filed on :05/10/2007

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2)BAR, THOMAS

3)BECKERS, THOMAS

4)ZIMMERMANN, ASTRID

5)SCHNEIDER, SIEGFRIED

6)GEKELER, VOLKER

(57) Abstract :

Compounds of a certain formula (I), in which R1 , R2, R3, R4, R5, R6 and R7 have the meanings indicated in the description, are novel effective HDAC inhibitors.

No. of Pages : 189 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1050/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHYLSULFONYLMETHASNE (MSM) FOR TREATMENT OF DRUG RESISTANT MICROORGANISMS

(51) International classification	:A61K 31/10
(31) Priority Document No	:61/256,935
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054837
Filing Date	:29/10/2010
(87) International Publication No	:WO/2011/053848
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BENJAMIN, RODNEY
2)VARELMAN, JEFFREY
3)KELLER, ANTHONY

(57) Abstract :

Embodiments of the invention relate generally to the use of compositions comprising methylsulfonylmethane (MSM), and one or more therapeutic agents, for the treatment of drug-sensitive and drug resistant microorganisms. In several embodiments, such compositions are effective in treating drug resistant infectious diseases, for example, MRSA.

No. of Pages : 99 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1051/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF MELT BONDING HIGH-TEMPERATURE THERMOPLASTIC BASED HEATING ELEMENT TO A SUBSTRATE

(51) International classification :B23B 37/04

(31) Priority Document No :61/254,058

(32) Priority Date :22/10/2009

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

(86) International Application No :PCT/CA2010/001652

Filing Date :21/10/2010

(87) International Publication No :WO/2011/047471

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)SOLTANI, REZA

3)YANG, MAIZHI

4)TALALLA, DOMINIC

5)OLDING, TIMOTHY, RUSSELL

6)STOCKTON, JOHN

(57) Abstract :

A method for producing a thermoplastic film-substrate resistive thick film heating element is described, involving the melt bonding of an electrically insulating, optionally filled high temperature thermoplastic film to a substrate. This thick film heating element includes an optionally filled high temperature thermoplastic film-substrate onto which is deposited at least a resistive thick film, and is capable of operating over a wide range of power densities for consumer and industrial heating element applications.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMMUNICATION CAPACITY EVALUATING APPARATUS, RADIO RELAY APPARATUS AND COMMUNICATION CAPACITY EVALUATING METHOD

(51) International classification	:H04J 99/00
(31) Priority Document No	:2009-260222
(32) Priority Date	:13/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006395
Filing Date	:29/10/2010
(87) International Publication No	:WO/2011/058711
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SHIMIZU, TOMOAKI
4)AMAO, YUKINORI
5)KU, RICHOL
6)SOTOYAMA, TAKAYUKI

(57) Abstract :

Provided is a communication capacity evaluating apparatus whereby the communication capacity can be grasped and the necessity of changing the content of a dead spot measure after the placement of a relay apparatus can be eliminated. In the communication capacity evaluating apparatus, a system information analyzing unit (121) acquires, from a received signal, used-band information of the communication using a MIMO mode. An S/N calculating unit (122) analyzes the received signal to determine a signal-to-noise ratio. A channel estimating unit (123) analyzes the received signal to determine a channel matrix. A throughput limit calculating unit (124) calculates the limit value of the communication capacity on the basis of the used-band information, information about the number of transmission antennas of a base station (180), information about the number of reception antennas of a radio relay apparatus (100) stored in advance, the signal-to-noise ratio and the channel matrix. A display unit (133) displays the result of a comparison between the limit value and a desired value of communication capacity set in advance.

No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1063/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PRODUCING HOLLOW ENGINE VALVE

(51) International classification	:F01L 3/20,F01L 3/14
(31) Priority Document No	:2010-041410
(32) Priority Date	:26/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066479
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/104916
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YOSHIMURA COMPANY

(72)Name of Inventor :

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2)YOSHIMURA HYOJI

(57) Abstract :

Provided is a method for producing a hallow engine valve which can easily produce a hallow engine valve in which strength is improved and weight is reduced. Specifically, provided is a method for producing a hallow engine valve which involves gradually reducing the size of the outer diameter and inner diameter of a hallow shaft of a semi-finished product (10a), sequentially inserting the hallow shaft into a plurality of molding holes (M1, M2, M(m-1), Mm, M(n-1), Mn) having different hole shapes so as to gradually extend the length of the hallow shaft, and forming the hallow shaft into a predetermined shape by sequentially performing said drawing process, wherein the semi-finished product (10a) is subjected to heat treatment such that the hardness thereof is equal to or less than a predetermined hardness, and the maximum thickness (t2) between the hallow shaft and an umbrella portion connected to the bottom edge of the hallow shaft is formed to be thicker than the thickness (t2) of the hallow shaft by means of molding hole (M2) of a die (Di2) which is adjusted to have a specific length (L2) and maximum inner diameter (D2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1058/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMMUNOACTIVATION BLOOD PERFUSION FILTER FOR THE TREATMENT OF MALIGNANT TUMORS

(51) International classification :C02F 1/28
(31) Priority Document No :61/249,867
(32) Priority Date :08/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/051832
Filing Date :07/10/2010
(87) International Publication No :WO/2011/044369
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NOSE, YUKIHIKO
2)OHTA, KAZUhide
3)MIYAMOTO, HIROSHI
4)TAKABA, JUNJI

(57) Abstract :

The invention provides a way of producing a natural immunologically active state in a person by subjecting him to an apheresis procedure with bioincompatible biomaterials for about one hour. To safely control the immunological shock induced by this procedure, the person is put under general anesthesia for about six hours, including the apheresis time and at least an additional five hours thereafter. This immunological activation is useful for treating malignant tumors and diseases related to immunosuppression, such as AIDS. The invention also provides for the use of an apheresis column containing a blood perfusion filter with bioincompatible materials for treating malignant tumors and infectious diseases.

No. of Pages : 69 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2012

(21) Application No.1070/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL PESTICIDE FORMULATIONS

(51) International classification	:A61K 9/14,A01N 25/26
(31) Priority Document No	:61/277,786
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002633
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/040956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)MARTIN REISSER
(72)**Name of Inventor :**
1)MICHAEL BURNET
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3)MARTIN REISSER

(57) Abstract :

Bioactive substances are imbedded or mixed into functionalized matrices to form homogenous water-insoluble solid complexes with desirable field properties such as reduced leaching in soil, improved leaf retention, selective unloading to roots and convenient packaging and application. Bioactive substances of this disclosure include pharmaceutical agents and pesticides including herbicides, insecticides, bacteriocides, rodenticides, nematocides and fungicides. The matrices comprise a monomeric-, oligomeric- or (co)polymeric backbone which may be derivatized with chemical groups exhibiting ionic (amines, carboxyls), hydrophobic, and ligandbinding interactions to form the matrix of the formulation. The various matrices may be mixed with additives or modifiers, grafted, or fused to obtain optimal properties. The formulations may be applied as granules, suspensions, emulsions in sprays, foams, or coats for seeds and fertilizers. Alternatively they may be melted and sprayed as concentrates. The formulations may be applied to foliage, soil, irrigation water, construction materials, seeding materials, grains, and buildings.

No. of Pages : 95 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1071/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SIMPLIFIED LOW INSERTION FORCE SEALING DEVICE CAPABLE OF SELF RESTRAINT AND JOINT DEFLECTION

(51) International classification	:F16L 17/02
(31) Priority Document No	:61/250,160
(32) Priority Date	:09/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025074
Filing Date	:23/02/2010
(87) International Publication No	:WO/2011/043836
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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AMERICA.

(72)Name of Inventor :

1)HOLMES, WILLIAM, W., IV

2)OWEN, WILLIAM, H.

(57) Abstract :

A conduit coupling system, sealing device, bell and method of use are disclosed herein. The system comprises at least two piping components, and a sealing device. A first component has a bell and a second component has a spigot, the spigot is adapted to mate with the bell. The bell comprises a first end and a second end, the first end coupled to the first component. The bell has a concave annular inner surface and a diameter of the annular inner surface adjacent to the first end of the bell is greater than a diameter of the annular inner surface adjacent to the second end of the bell. The sealing device comprises a locking segment comprising a convex outer surface and a K-type gasket coupled to a locking segment or a non-restraining ami-extrusion segment. The sealing device is adapted to fit between the bell and the spigot.

No. of Pages : 33 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1080/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MATERIAL FEEDING APPARATUS WITH GRIPPER DRIVING MEMBER AND LINKAGE

(51) International classification	:B21C 1/28
(31) Priority Document No	:61/256,556
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054972
Filing Date	:01/11/2010
(87) International Publication No	:WO/2011/053912
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOSEPH P. GENTILE
2)BRYAN P. GENTILE
3)MARTIN, VAUGHN H.

(57) Abstract :

An apparatus for the intermittent feeding of a workpiece. The apparatus includes a first linearly guided gripper mechanism which is movable in a first direction of workpiece feeding and in a second direction opposite to the first direction. The first gripper mechanism includes a first gripping member and a second gripping member wherein the second gripping member is movable relative to the first gripping member for gripping the workpiece. The apparatus further includes a gripper mechanism drive actuator which is angularly adjustable, reversible and rotary, a fixed length driving member connected to the gripper mechanism drive actuator for rotation therewith. The apparatus further includes a first gripper mechanism drive connecting link with a first end pivotally connected to a first end of the fixed length driving member and with a second end pivotally connected to the first gripper mechanism for moving the first gripper mechanism.

No. of Pages : 57 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1049/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CRYSTALLINE COMPLEXES OF 4-HYDROXY BENZOIC ACID AND SELECTED PESTICIDES

(51) International classification	:A01N 25/00
(31) Priority Document No	:09175247.7
(32) Priority Date	:06/11/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/066401
Filing Date	:28/10/2010
(87) International Publication No	:WO/2011/054741
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SAXELL, HEIDI, EMILIA

2)ISRAELS, RAFEL

3)SCHAFER, ANSGAR

4)BRATZ, MATTHIAS

5)HOFFKEN, HANS, WOLFGANG

6)BRODE, INGO

7)NAUHA, ELISA

8)NISSINEN, MAIJA

(57) Abstract :

The present invention relates to crystalline complexes of 4-hydroxy benzoic acid and selected pesticides. It also relates to agriculturally useful compositions of the complexes.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1059/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND APPARATUS FOR PREVENTING VAGINAL LACERATIONS DURING CHILDBIRTH

(51) International classification	:A61B 1/32
(31) Priority Document No	:61/278,687
(32) Priority Date	:13/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052528
Filing Date	:13/10/2010
(87) International Publication No	:WO/2011/047066
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JURAVIC, MARK

2)STEWART, MICHAEL

(57) Abstract :

A vaginal dilation device is provided that may include any of a number of features. One feature of the vaginal dilation device is that it is configured to dilate vaginal tissue during labor to prevent tissue damage. Another feature of the vaginal dilation device is that it can be manually controlled to dilate vaginal tissue, or can be automatically controlled to dilate vaginal tissue. In some embodiments, the vaginal dilation device is configured to measure a force applied by the device to tissue. In other embodiments, the vaginal dilation device is configured to apply a constant force to tissue. In other embodiments, the vaginal dilation device is configured to expand at a constant rate. Methods associated with use of the vaginal dilation device are also provided.

No. of Pages : 64 No. of Claims : 128

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1064/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FOAMABLE SUSPENSION GEL

(51) International classification	:A61K 8/38
(31) Priority Document No	:60/744,082
(32) Priority Date	:31/03/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2007/002958
Filing Date	:29/03/2007
(87) International Publication No	:WO/2008/007224
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:
Filed on	:01/01/1900

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(72)**Name of Inventor :**
1)ABRAM, ALBERT ZORKO
2)FUCHSHUBER, LILIAN

(57) Abstract :

The present subject matter provides foamable suspension gels that foam after release from a container. The foamable suspension gels contain at least one pharmaceutically active agent that is sparingly soluble to insoluble in water, a second pharmaceutically active agent, and optionally a third active agent.

No. of Pages : 60 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1074/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SOLID FORMS OF N-(4-(7-AZABICYCLO[2.2.1]HEPTAN-7-YL)-2-TRIFLUOROMETHYL)PHENYL)-4-OXO-5-(TRIFLUOROMETHYL)-1,4-DIHYDROQUINOLINE-3-CARBOXAMIDE

(51) International classification :C07D 487/08

(31) Priority Document No :61/254,614

(32) Priority Date :23/10/2009

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

(86) International Application No :PCT/US2010/053633

Filing Date :21/10/2010

(87) International Publication No :WO/2011/050220

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ZHANG, BEILI

2)KRAWIEC, MARIUSZ

3)LUISI, BRIAN

4)MEDEK, ALES

(57) Abstract :

The present invention relates to substantially crystalline and solid state forms of N-(4-(7-azabicyclo[2.2.1]heptan-7-yl)-2-(trifluoromethyl)phenyl)-4-oxo-5-(trifluoromethyl)-1,4-dihydroquinoline-3-carboxamide (Form A-HCl, Form B, Form B-HCl, or any combination of these forms), pharmaceutical compositions thereof, and methods of treatment therewith.

No. of Pages : 102 No. of Claims : 99

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1076/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUNSCREEN COMPOSITION WITH FATTY ACID ALKANOLAMIDES

(51) International classification	:A61K 8/35
(31) Priority Document No	:12/611943
(32) Priority Date	:04/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/066183
Filing Date	:28/10/2010
(87) International Publication No	:WO/2011/054704
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)POLONKA JACK
2)MISSO LUIS ROBERTO

(57) Abstract :

A cosmetic composition is provided including a water-insoluble UV-A sunscreen agent having a λ_{\max} at 330-380 nm, a water-insoluble UV-B sunscreen agent having a λ_{\max} between 280 and 320 nm, and a water-soluble sunscreen agent having a λ_{\max} between 280 and 400 nm, in combination with a photo protective enhancing agent which is a stearyl alkanolamide of structure R1C(O)NR2- R3OH wherein R1 is a C17 radical, R2 is hydrogen or a C1-C6 radical, and R3 is a C2-C8 radical, in a cosmetically acceptable carrier.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1087/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HERBICIDAL TETRAHYDROPHthalIMIDES

(51) International classification :C07D 413/04

(31) Priority Document No :09174774.1

(32) Priority Date :02/11/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/066363

Filing Date :28/10/2010

(87) International Publication No :WO/2011/051393

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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4)WALTER, HELMUT

5)SIEVERNICH, BERND

6)SIMON, ANJA

7)NIGGEWEG, RICARDA

8)GROBMANN, KLAUS

(57) Abstract :

The present invention relates to tetrahydrophthalimides of Formula (I), wherein the variables are defined according to the description, processes and intermediates for preparing the benzoxazinones of the formula I, compositions comprising them and their use as herbicides, i.e. for controlling harmful plants, and also a method for controlling unwanted vegetation which comprises allowing a herbicidal effective amount of at least one tetrahydrophthalimide of the formula I to act on plants, their seed and/or their habitat.

No. of Pages : 68 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1031/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITION FOR PROMOTING WOUND HEALING

(51) International classification :A61K 47/44

(31) Priority Document No :0901408.5

(32) Priority Date :03/11/2009

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2010/000269

Filing Date :03/11/2010

(87) International Publication No :WO/2011/056116

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)CARLSSON, ANDERS

2)HOLMBACK, JAN

(57) Abstract :

lipid layer forming wound healing promoting composition comprising volatile silicone oil, polar lipid, C2 - C4 aliphatic alcohol, and a wound healing agent, in particular a low to medium size natural or synthetic peptide. Also disclosed is a method of forming the lipid layer on a wound and a medical patch provided with the composition.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1077/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : OBSERVATION CELL ARRANGEMENT

(51) International classification :G01N 15/14

(31) Priority Document No :0917565.4

(32) Priority Date :08/10/2009

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2010/051698

Filing Date :08/10/2010

(87) International Publication No :WO/2011/042755

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)MORRIS, BRYAN

2)SELF, TIM

3)HILL, STEPHEN, JOHN

(57) Abstract :

An observation cell arrangement for flow perfusion of a sample to be examined, the arrangement comprising a flow cell (21) having a cavity therein to receive the sample, the flow cell (21) arranged to receive a flow of fluid through the cavity that is directed over the sample from a cavity inlet (22) to a cavity outlet (23), the cavity inlet (22) associated with a fluid supply line, and a first flow supply path (24) connected to the fluid supply line via a valve (39), the first flow supply path (24) adapted to receive pressure from a pressure source comprising a pressure reservoir (29) to drive fluid flow through the cavity at a desired flow rate

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1078/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MATERIAL FEEDING APPARATUS WITH GRIPPING MEMBER LINKAGE AND METHOD OF OPERATION

(51) International classification	:B65H 20/18
(31) Priority Document No	:61/256,556
(32) Priority Date	:30/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/054969
Filing Date	:01/11/2010
(87) International Publication No	:WO/2011/053911
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)BRYAN P. GENTILE

3)MARTIN. VAUGHN H.

(57) Abstract :

A gripper type feeding apparatus for the intermittent feeding of a workpiece. The apparatus includes a first linearly guided gripper mechanism which is movable in a first direction of workpiece feeding and in a second direction opposite to the first direction. The first gripper mechanism includes a first gripping member and a second gripping member wherein the second gripping member is movable relative to the first gripping member for gripping the workpiece. The apparatus includes a first release actuator for moving the second gripping member of the first gripper mechanism in a direction relative to the first gripping member of the first gripper mechanism. The apparatus includes a first release connecting link with a first end pivotally connected at a first pivot axis to the first release actuator and with a second end pivotally connected at a second pivot axis to the second gripping member of the first gripper mechanism.

No. of Pages : 59 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1089/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BENZODIAZEPINE BROMODOMAIN INHIBITOR

(51) International classification	:C07D 487/04
(31) Priority Document No	:0919433.3
(32) Priority Date	:05/11/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/066697
Filing Date	:03/11/2010
(87) International Publication No	:WO/2011/054845
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BAILEY, JAMES
2)GOSMINI, ROMAIN, LUC, MARIE
3)MIRGUET, OLIVIER
4)WITHERINGTON, JASON

(57) Abstract :

Benzodiazepine compounds of formula (I), and salts thereof, pharmaceutical compositions containing such compounds and their use in therapy, in particular in the treatment of diseases or conditions for which a bromodomain inhibitor is indicated.

No. of Pages : 98 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.120/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/01/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS FOR N-DEMETHYLATION OF MORPHINE AND TROPANE ALKALOIDS

(51) International classification	:C07D 489/02,B01J 23/44,B01J 23/12
(31) Priority Document No	:11/771,227
(32) Priority Date	:29/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2008/001179
Filing Date	:30/06/2008
(87) International Publication No	:WO 2009/003272 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CARROLL Robert James

2)LEISCH Hannes

3)HUDLICKY Tomas

(57) Abstract :

The present invention relates to a method for N-demethylation of a tertiary N-methylated heterocycle, particularly a morphine or tropane alkaloids or derivatives thereof. The method, comprises reacting said tertiary N-methylated heterocycle with a metal catalyst, for example Pd(OAc)₂ or Cu(OAc)₂ in the presence of an oxidizing agent such as oxygen or ammonium persulfate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1072/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GEAR MACHINING MACHINE

(51) International classification	:B23F 1/00,B23Q 1/48
(31) Priority Document No	:2009-276208
(32) Priority Date	:04/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057060
Filing Date	:21/04/2010
(87) International Publication No	:WO/2011/067949
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)ODAN, SEISAKU

(57) Abstract :

Provided is a gear machining machine which has a cutter head with improved rigidity, and contributes to improving machining accuracy and making quality uniform when either an external gear or an internal gear has been machined. For this purpose, the gear machining machine is equipped with a movement base (12) that is movably supported and rotatably supports a rotation table (13) on which an external gear (W1) or an internal gear (W2) is mounted; a bridge section (14c) of a gate-shaped column (14) provided at a location above the movement base (12); a saddle (15) which is supported by the bridge section (14c) in a vertically movable manner; and a cutter head (16) which is provided on the front surface of the saddle (15), and the lower end of which rotatably supports a tool (T). A protrusion (16a) which projects forward is provided on the front surface of the cutter head (16). The tool (T) is disposed in such way that the front thereof protrudes further forward of an end surface (16b) which is the most forward projecting portion of the protrusion (16a).

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1073/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GEAR SHAPING MACHINE

(51) International classification	:B23F 5/16
(31) Priority Document No	:2010-023746
(32) Priority Date	:05/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065463
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/096104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN.

(72)Name of Inventor :

1)MARUYAMA KAZUTAKA

(57) Abstract :

The vertical movement cycle and the movement trajectory inclination angle of a cutter (114) are switched so that when a main spindle (113) is moving downward, a head (112) is moved so as to position the cutter (114) at a machining location, and the cutter (114) is lowered rectilinearly; that when the main spindle (113) is moving upward, the head (112) is moved so as to position the cutter (114) at a withdrawal location; that, furthermore, when an external gear is to be generated by cutting, relieving means (117, 118, 120,121) for rectilinearly raising the cutter (114) cause the machining location to be positioned on one radial side of the cutter (114) and move the cutter (114) downward parallel to the axis of a workpiece (1A); and that, meanwhile, when an internal gear is to be generated by cutting, said relieving means (117, 118, 120,121) cause the machining location to be positioned on the other radial side of the cutter (114) and move the cutter (114) downward parallel to the axis of the workpiece (1A).

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1575/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A NOVEL PROCESS AND DEVICE THAT ENHANCES WATER RECOVERY (REDUCING WATER WASTAGE) AND MEMBRANE LIFE IN REVERSE OSMOSIS BASED WATER TREATMENT SYATEM.

(51) International classification	:C02F 1/00, B01D 61/00	(71) Name of Applicant : 1)ION EXCHANGE (INDIA) LIMITED. Address of Applicant :TIECICON HOUSE, DR. E. MOSES ROAD, MAHALAXMI, MUMBAI-400 011, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RUPA AVINASH LAGHATE
(33) Name of priority country	:NA	2)CLIFFORD D'SOUZA
(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 :

In the present invention under consideration, a novel process and device that enhances water recovery (reducing water wastage) and membrane life in reverse osmosis based water treatment system. The invention under consideration aims the following to achieve recoveries through a single membrane better than so far reported by: a. Preventing excessive salt deposition on membrane. b. Preventing fouling of membranes due to microorganisms in water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1576/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : COTTON COLLECTOR

(51) International classification	:A01D 46/08	(71) Name of Applicant : 1)NATUBHAI R WEDHER
(31) Priority Document No	:NA	Address of Applicant :VILLAGE ERWADA PATADI,
(32) Priority Date	:NA	DISTRICT SURENDRANAGAR, PIN 382750 GUJARAT India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NATUBHAI R WEDHER
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 machine for harvesting and collecting cotton bolls comprising at least one vibrator unit at least one conveyor unit, at least one suction and blowing unit and at least one storage unit. The machine comprises a plurality of vibrating rods. The machine further comprises a plurality of blowers of suction and blowing unit are preferably arranged at both ends of machine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1081/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF FERROQUINE IN THE TREATMENT OR PREVENTION OF MALARIA

(51) International classification :A61P 33/06

(31) Priority Document No :09/05,212

(32) Priority Date :30/10/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/052331

Filing Date :29/10/2010

(87) International Publication No :WO/2011/051634

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SANOFI

Address of Applicant :54 RUE LA BOETIE 75008 PARIS
FRANCE.

(72)Name of Inventor :

1)FRAISSE, LAURENT

2)STRUXIANO, ANNIE

(57) Abstract :

The present invention relates to the use of ferroquine, the N-demethylated metabolite or any of the pharmaceutically acceptable salts thereof for treating and/or preventing infections caused by a parasite belonging to the Plasmodium genus, the life cycle of which includes a phase of hepatic latency in the human host. (57) Abrege: La presente invention a trait a l'utilisation de la ferroquine, de son metabolite N- demethyle, ou de l'un de leurs sels pharmaceutiquement acceptables, dans le traitement et/ou la prevention d'infections causees par un parasite du genre Plasmodium, dont le cycle de vie comprend une phase de latence hepatique chez l'urate humain.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1082/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES

(51) International classification :G01N 33/50
(31) Priority Document No :61/255,048
(32) Priority Date :26/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054125
Filing Date :26/10/2010
(87) International Publication No :WO/2011/056590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROMETHEUS LABORATORIES INC.
Address of Applicant :9410 CARROLL PARK DRIVE, SAN DIEGO, CALIFORNIA 92121-5201 UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)SINGH, SHARAT
2)WANG, SHUI LONG
3)OHRMUND, LINDA

(57) Abstract :

The present invention provides assays for detecting and measuring the presence or level of anti-TNF α drug therapeutics and autoantibodies in a sample. The present invention is useful for optimizing therapy and monitoring patients receiving anti-TNF α drug therapeutics to detect the presence or level of autoantibodies (e.g., HACA and/or HAHA) against the drug.

No. of Pages : 121 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1448/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR PURIFYING THE URANIUM FROM A NATURAL URANIUM CONCENTRATE

(51) International classification :C22B 3/26,B01D
11/04
(31) Priority Document No :09 59380
(32) Priority Date :22/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/070248
Filing Date :20/12/2010
(87) International Publication No :WO/2011/076739
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX
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Address of Applicant :25 RUE LEBLANC BATIMENT LE
PONANT D, 75015 PARIS, FRANCE.
2)AREVA NC
(72)**Name of Inventor :**
1)MIGUIRDITCHIAN, MANUEL
2)BARON, PASCAL
3)BISEL, ISABELLE
4)DINH, BINH
5)SOREL, CHRISTIAN
6)BERTIN, JEAN

(57) Abstract :

The invention relates to a method with which uranium from a natural uranium concentrate may be purified. This method comprises: a) extracting the uranium present as uranyl nitrate in an aqueous phase A1 resulting from the dissolution of the natural uranium concentrate in nitric acid, by means of an organic phase which contains an extractant in an organic diluent; b) washing the organic phase obtained at the end of step a), with an aqueous phase A2; and c) stripping the uranyl nitrate of the organic phase obtained at the end of step b) , by circulating this organic phase in an apparatus, as a counter current against an aqueous phase A3; and is characterized in that the extractant is an N, N-dialkylamide and in that the ratio between the flow rate at which the organic phase obtained at the end of step b) and the aqueous phase A3 circulate in the apparatus where step c) occurs, is greater than 1.
Applications: refining of natural uranium concentrates produced by uranium mines.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.193/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : DOCUMENT ANALYSIS □ COMMENTING, AND REPORTING SYSTEM □

(51) International classification	:G06F17/27	(71)Name of Applicant :
(31) Priority Document No	:12/558,483	1)ACCENTURE GLOBAL SERVICES LIMITED
(32) Priority Date	:11/09/2009	Address of Applicant :3 GRAND CANAL PLAZA, GRAND
(33) Name of priority country	:U.S.A.	CANAL STREET UPPER, DUBLIN 4 IRELAND.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Kunal Verma
(87) International Publication No	: NA	2)Alex Kass
(61) Patent of Addition to Application Number	:NA	3)Reymonrod G. Vasquez
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A document analysis, commenting, and reporting system provides tec-is that automate quality assurance analysis tailored to specific document types, As one example, She specific document type may be a requirements specification and the system may tag different parts of requirements, including actors, entities, modes, and a remainder. The system atso includes teois- for visualizing the relationships between entities in a requirements specification and for Identifying whether the requirements specification provides for attributes specified by a fieri-functional attribute glossary, . The system facilitates the visuafealion of interactions of indi vidua I entries, of a system of entities, or entities Identified for a specific use. The different types of visualizations distinguish between interacting and non-interacting entities, and highlight where H set of requirements may be deficient wiilh resped to the non-interacting entities. However, the flexibility Of the system permits analysis of any other document typo, such as instruction manuals and best practices guides.

No. of Pages : 149 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1088/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMMAND QUEUE FOR PERIPHERAL COMPONENT

(51) International classification :G06F 3/00
(31) Priority Document No :12/615,587
(32) Priority Date :10/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/055769
Filing Date :08/11/2010
(87) International Publication No :WO/2011/059897
(61) 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, CALIFORNIA 95014 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)LEE, DOUGLAS C.

2)ROSS, DIARMUID P.

3)TOELKES, TAHOMA M.

(57) Abstract :

In an embodiment, a peripheral component configured to control an external interface of an integrated circuit. For example, the peripheral component may be a memory interface unit such as a flash memory interface unit. The internal interface to the peripheral component may be shared between data transfers to/from the external interface and control communications to the peripheral component. The peripheral component may include a command queue configured to store a set of commands to perform a transfer on the interface. A control circuit may be coupled to the command queue and may read the commands and communicate with an interface controller to cause a transfer on the interface responsive to the commands. In an embodiment, a macro memory may store command sequences to be performed in response to a macro command in the command queue. In an embodiment, an operand queue may store operand data for use by the commands.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1570/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : DETOXIFIED ARGEMONE OIL FOR EDIBLE AND NON-EDIBLE USE

(51) International classification	:C10L 1/19	(71) Name of Applicant : 1)DAS PREMANANDA
(31) Priority Document No	:NA	Address of Applicant :B-221, KALPATARU TOWERS,
(32) Priority Date	:NA	AKURLI ROAD, KANDIVALI-EAST, MUMBAI-400101
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DAS PREMANANDA
(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 :

Detoxified and purified Argemone oil, without transesterification, for edible use as well as nonedible use such as biodiesel and process for preparation thereof is disclosed herein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1571/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : OIL OF OLAX SCANDENS FOR EDIBLE AND NON-EDIBLE USE

(51) International classification	:C10L 1/19	(71)Name of Applicant : 1)DAS PREMANANDA
(31) Priority Document No	:NA	Address of Applicant :B-221, KALPATARU TOWERS,
(32) Priority Date	:NA	AKURLI ROAD, KANDIVALI (E), MUMBAI-400 101
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAS PREMANANDA
(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 discloses the oil of Olax Scandens for use as bio-additive to petroleum diesel and to the process for extraction, modification and characterization of Olax scandens oil.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1574/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : OPERATING MECHANISM FOR A PARKING BRAKE

(51) International classification	:F16D 65/14
(31) Priority Document No	:102009022296.0
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Germany
(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)DIETZ-AUTOMOTIVE GMBH & CO. KG
Address of Applicant :EISENBAHNSTR. 67, 73265
DETTINGEN/TECK, GERMANY.
(72)**Name of Inventor :**
1)BARCIN BARIS

(57) Abstract :

The invention relates to an operating mechanism (1) for a parking brake and is provided with a manual brake lever (2) that is positioned pivoting on a bearing block (3). With the aid of a locking device (9), the manual brake lever (2) can be secured in a predetermined pivoting position. The operating mechanism (1) according to the invention is furthermore provided with an actuating rod (7) that is guided inside the manual brake lever (2) and is operatively connected to the locking device (9). The manual brake lever (2) comprises a guiding device (6) in which the . actuating rod (7) is positioned so as to be displaceable. The guiding device (6) is embodied as a U-shaped profile with an opening on the side of the manual brake lever (2) into which the actuating rod (7) can be inserted.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2357/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :17/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : USER PROFILE GENERATION ARCHITECTURE FOR MOBILE CONTENT-MESSAGE TARGETING □

(51) International classification	:H04L 29/06, G06F 17/30
(31) Priority Document No	:12/134,601
(32) Priority Date	:06/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/069369
Filing Date	:07/07/2008
(87) 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)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive San Diego
California 92121-1714 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)AGGARWAL Pooja

2)KRISHNASWAMY Dilip

3)DALEY Robert S.

4)LUNDQVIST Patrik

(57) Abstract :

A targeted-content-message-related profile for use with wireless access terminals (W-ATs) may be generated by one or more usage-related rules on the W-AT itself. The usage generate rules may be used by the W-AT to generate a user profile, with the usage-related rule providing a dynamic property to the user profile. All or part of the user profile may then be used as a targeted-content-message-related profile for targeting content messages.

No. of Pages : 46 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : 2-AMINO-4-ARYLTHIAZOLE COMPOUNDS AS TRPA1 ANTAGONISTS

(51) International classification	:A61K 31/519,A61K 31/675	(71)Name of Applicant : 1)GLENMARK PHARMACEUTICALS S.A. Address of Applicant :CHEMIN DE LA COMBETA 5, 2300 LA CHAUX-DE-FONDS, SWITZERLAND.
(31) Priority Document No	:3451/MUM/2010	
(32) Priority Date	:20/12/2010	
(33) Name of priority country	:India	(72)Name of Inventor :
(86) International Application No	:PCT/US11/65160	1)KUMAR SUKEERTHI
Filing Date	:15/12/2011	2)THOMAS ABRAHAM
(87) International Publication No	: NA	3)CHAUDHARI SACHIN SUNDARLAL
(61) Patent of Addition to Application Number	:NA	4)KANSAGRA BIPIN PARSOTTAM
Filing Date	:NA	5)YEMIREDDY VENKATA RAMANA
(62) Divisional to Application Number	:NA	6)KHAIRATKAR-JOSHI NEELIMA
Filing Date	:NA	7)MUKHOPADHYAY INDRANIL
		8)GUDI GIRISH

(57) Abstract :

The present invention is related to 2-amino-4-arylthiazole derivatives as TRPA (Transient Receptor Potential subfamily A) modulators. In particular, compounds described herein are useful for treating or preventing diseases, conditions and/or disorders modulated by TRPA1 (Transient Receptor Potential subfamily A, member 1). Also provided herein are processes for preparing compounds described herein, intermediates used in their synthesis, pharmaceutical compositions thereof, and methods for treating or preventing diseases, conditions and/or disorders modulated by TRPA1.

No. of Pages : 96 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2364/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :18/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : STEEL PLATE STRUCTURE AND STEEL PLATE CONCRETE WALL

(51) International classification :E04B2/86

(31) Priority Document No :

(32) Priority Date : -

(33) Name of priority country :

(86) International Application No :PCT/KR2008/003697

Filing Date :26/06/2008

(87) International Publication No :WO2009/002112A2

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KOREA HYDRO & NUCLEAR POWER CO., LTD

Address of Applicant :167, SAMSEONG-DONG,
GANGNAM-GU, SEOUL 135-791, REPUBLIC OF KOREA.

2)KOREA POWER ENGINEERING COMPANY, INC.

(72)Name of Inventor :

1)LEE, HAN-WOO

2)LEE, JONG-BO

3)KIM, JONG-HAK

4)LEE, UNG-KWON

5)MUN, TAE-YOUP

6)SUN, WON-SANG

7)LEE, JIN-WOO

8)KIM, TAE-YOUNG

(57) Abstract :

A steel plate structure and a steel plate concrete wall are disclosed. A steel plate structure, which includes: a pair of steel plates, which are separated to provide a predetermined space; a structural member, which is positioned in the predetermined space, and which is structurally rigidly joined to one side of the steel plate in the direction of gravity; and a strut, which maintains a separation distance between the pair of steel plates, can be utilized to reduce the overall thickness of a steel plate concrete wall for efficient use of space, and to reduce the thickness of the steel plates for better welding properties and larger unit module sizes. Also, the axial forces or lateral forces applied on the steel plate concrete wall may be effectively resisted.

No. of Pages : 39 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2387/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :23/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : SELF ALIGNING BEARING AND SEAL ASSEMBLY

(51) International classification :F16C23/04

(31) Priority Document No :

(32) Priority Date : -

(33) Name of priority country :

(86) International Application No :PCT/US2008/077156

Filing Date :22/09/2008

(87) International Publication No :WO2009/131594A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)LUBRICATION SYSTEMS COMPANY OF TEXAS, LLC.

Address of Applicant :1740 STEBBINS DRIVE,
HOUSTON,TX 77043, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)EHLERT, CHARLES, WAYNE.

2)DUNCAN, PATRICK, WILSON.

(57) Abstract :

A self aligning bearing and seal assembly including a bearing housing operable to mount to a surface, a bearing unit seated within the bearing housing and having an outer race, an inner race, and at least one ball intermediate the outer and inner race. The self aligning bearing and seal assembly also includes a pivot assembly having a shaft sleeve operable for receiving and maintaining a rotatable shaft and being disposed in the bearing housing and in operational contact with the inner race of the bearing unit. The pivot assembly allows for a degree of angular misalignment between the surface and the shaft greater than three degrees.

No. of Pages : 30 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2388/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :23/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : BLOWING APPARATUS FOR EXPANDING CONTAINERS

(51) International classification	:B29C 49/58
(31) Priority Document No	:102007032434.2
(32) Priority Date	:10/07/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2008/058665
Filing Date	:04/07/2008
(87) International Publication No	:WO2009/007315A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KRONES AG

Address of Applicant :BOHMERWALDSTRASSE 5, 93073, NEUTRAUBLING, GERMANY.

(72)Name of Inventor :

1)SPERKA, WOLFGANG

2)BLOCHMANN, ERIK

3)GELTINGER, FLORIAN

(57) Abstract :

The invention relates to a blowing apparatus (1) for expanding containers (10) with a gaseous medium, comprising a blowing piston (2) and comprising a blowing nozzle (6), through which the container (10) is expanded with the gaseous medium. According to the invention, the blowing piston (6) is movable in a longitudinal direction (L) of the blowing nozzle (6), wherein the blowing nozzle (6) is movable in the longitudinal direction (L) relative to the blowing piston (2), and a guide device (4) is provided which guides the movement of the blowing nozzle (6) in the longitudinal direction (L) relative to the blowing piston (2) .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.279/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LOCATION REPORTING WITH SECURE USER PLANE LOCATION (SUPL)

(51) International classification	:H04W 4/02,H04W 12/08
(31) Priority Document No	:60/711,801
(32) Priority Date	:25/08/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/033250
Filing Date	:25/08/2006
(87) International Publication No	:WO/2007/025143
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:519/MUMNP/2008
Filed on	:19/03/2008

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(72)Name of Inventor :

1)WACHTER Andreas

2)EDGE Stephen

3)BURROUGHS Kirk

(57) Abstract :

Techniques for supporting periodic and other location services with Secure User Plane Location (SUPL) and other location architectures are described. The techniques can provide position estimates for a SUPL enabled terminal (SET) to a SUPL agent periodically and/or based on trigger events. A Home SUPL Location Platform (H-SLP) receives from the SUPL agent a request for position estimates for the SET. The H-SLP starts a SUPL location session with the SET. For each of at least one reporting event during the location session the H-SLP obtains a position estimate for the SET and sends the position estimate to the SUPL agent. The position estimate may be derived by the SET and sent to the H-SLP. Alternatively the position estimate may be derived by the H-SLP based on measurements from the SET.

No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2378/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :22/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : AXIAL GAP TYPE ROTATING MACHINE

(51) International classification	:H02K1/27
(31) Priority Document No	:2007-170122
(32) Priority Date	:28/06/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/061707
Filing Date	:27/06/2008
(87) International Publication No	:WO
	2009/001917A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MIYATA, KOJI

2)WATANABE, NAOKI

3)HONSHIMA, MASAKATSU

(57) Abstract :

An axial gap type rotating machine rigidly fixing the permanent magnets without reducing the magnetic flux and having a high output is provided. An axial gap type rotating machine having: a housing 19; a rotating shaft 11 rotatably supported in the housing; two rotors (15a, 15b), having rotating disks (12a, 12b) rotatable integrally with the rotating shaft 11 as the central axis, and permanent magnets (13a, 13b) arranged concentrically in spaced relation to each other on at least one side of the surfaces of the rotating disks, wherein the surfaces having the permanent magnets face each other in spaced relation; and a stator 18 that is arranged between the rotors facing each other, the stator is spaced from the rotor, and fixed to the housing, the stator having a plurality of coils 16 disposed concentrically around said rotating shaft in spaced relation to each other; wherein magnetic flux generated from the permanent magnets of the rotors intermittently penetrates the interior of each of the coils 16 disposed concentrically around said rotating shaft 11 as it rotates, wherein the rotating disk has a concave portion 21 in the surface facing the stator and the permanent magnets are disposed at the concave portions so as to protrude above the surface of the rotating disk.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2398/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :24/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR DETECTING ANALYTES

(51) International classification :G01N33/543
(31) Priority Document No :102007029766.3
(32) Priority Date :22/06/2007
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2008/057913
Filing Date :20/06/2008
(87) International Publication No :WO2009/000784A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BRAHMS AKTIENGESELLSCHAFT.
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HENNINGSDORF, GERMANY.
(72)**Name of Inventor :**
1)BERGMANN, ANDREAS.
2)STRUCK, JOACHIM.

(57) Abstract :

The subject of this invention is a process for detection of analytes from biological samples comprising the following process steps: a) Preparation of a reversible binding partner 1 that is immobilized on a solid phase, to which an analyte binder is reversibly bonded via a reversible binding partner 2 that is bonded to the analyte binder, whereby the analyte binder is immobilized by binding between the reversible binding partners 1 and 2, b) Addition of the biological sample and binding of the analyte to the reversible immobilized analyte binder in the case that the biological sample contains the analytes, c) Separation of the biological sample, d) Addition of a dissolving buffer, which dissolves the binding between the reversible binding partners 1 and 2, whereby the binding of the analyte to the analyte binder remains optional, and e) Detection of the analyte in the dissolving buffer in the case that the biological sample contains the analytes and determination of the absence of the analyte in the case that the biological sample does not contain the analytes, respectively.

No. of Pages : 69 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.366/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD,SYSTEM AND DEVICE FOR USING TERMINAL IDENTIFIER

(51) International classification :H04W 72/04
(31) Priority Document No :200910091263.7
(32) Priority Date :14/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/075944
Filing Date :12/08/2010
(87) International Publication No :WO/2011/018043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
Address of Applicant :NO.40 XUEYUAN ROAD, HAIDIAN DISTRICT, BEIJING 100191, P.R. CHINA .
(72)**Name of Inventor :**
1)ZHAO YI
2)LIANG JING
3)LI HAITAO

(57) Abstract :

The embodiments of the present invention disclose a method, a system and a device for using a terminal identifier, and the method includes: the network side configures, for a terminal performing carrier aggregation, a uniform Radio Network Temporary Identifier (RNTI) in the cells where the carrier aggregation is performed; the network side and the terminal perform data reception and transmission using the uniform RNTI configured in the cells where the carrier aggregation is performed. By the invention, a terminal with carrier aggregation technology is able to perform the data reception and transmission with each cell using the RNTI.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1577/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PURIFICATION MEDIUM

(51) International classification	:B01D 29/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LTD.
(31) Priority Document No	:NA	Address of Applicant :TCS HOUSE, RAVELINE STREET,
(32) Priority Date	:NA	21 DS MARG, FORT MUMBAI MUMBAI-400001 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHANKAR BALAJIRAO KAUSLEY
(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 disclosure relates to a purification medium. The said purification medium comprises a mixture of rice husk ash and clay including voids created by combustion of the mixture. The combustion of mixture causes removal of at least a fraction of carbon present in the rice husk ash.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1578/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :20/05/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AMORPHOUS WARFARIN SODIUM

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)Alembic Ltd
(31) Priority Document No	:NA	Address of Applicant :Alembic Research Centre Alembic Ltd
(32) Priority Date	:NA	Alembic Road Vadodara GUJARAT India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAMAN Jayaraman Venkat
Filing Date	:NA	2)PANCHASARA Dineshkumar
(87) International Publication No	: NA	3)PATWA Mitul
(61) Patent of Addition to Application Number	:NA	4)PRAJAPATI Bhavesh
Filing Date	:NA	5)JAYSWAL Milan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to process for the preparation of Amorphous Warfarin sodium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.164/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/01/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM FOR CONTROLLING ACCESS TO CONTENT□

(51) International classification	:G06F 17/30,G06F 1/00
(31) Priority Document No	:N/A
(32) Priority Date	: -
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/US2005/035289
Filing Date	:30/09/2005
(87) International Publication No	:WO 2006/039548 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:640/MUMNP/2007
Filed on	:01/05/2007

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1)GOOGLE INC.

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41 Mountain View California U.S.A.

(72)Name of Inventor :

1)WHITTEN Alma W.

2)OTMSULLIVAN Joseph K.

(57) Abstract :

A software module is presented that enables a person to determine the relevance of a document while preventing the person from making a copy of the entire document. In one embodiment, this is accomplished by programmatically controlling which portions of a document will be presented to a user and which portions will not be presented to the user. In one embodiment, the software module is used in conjunction with a search engine to present a document search result.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2221/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :30/11/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : WATER TREATMENT COMPOSITION

(51) International classification	:C02F 1/50, C02F 1/58
(31) Priority Document No	:2007902293
(32) Priority Date	:01/05/2007
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2008/000606
Filing Date	:01/05/2008
(87) International Publication No	:WO/2008/131495
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BLUE LAGOON PEARLS PTY LTD.

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(72)Name of Inventor :

1)MORGAN, ROBERT PETER.

(57) Abstract :

A composition for the treatment of water comprising a treating component and a support wherein the treating component is a liquid organic compound, and the support is a solid organic compound.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2304/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :10/12/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYNERGISTIC PHARMACEUTICAL COMBINATION FOR THE TREATMENT OF CANCER

(51) International classification :A61K31/4025
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2007/051841
Filing Date :15/05/2007
(87) International Publication No :WO2008/139271A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PIRAMAL LIFE SCIENCES LIMITED
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(72)Name of Inventor :
1)RATHOS, MAGGIE
2)JOSHI, KALPANA
3)KHANWALKAR, HARSHAL
4)SHARMA, SOMESH

(57) Abstract :

A novel pharmaceutical combination comprising a cytotoxic antineoplastic agent selected from the group consisting of paclitaxel, docetaxel, doxorubicin and gemcitabine or a pharmaceutically acceptable salt thereof and at least one cyclin dependent kinase (CDK) inhibitor; wherein said combination exhibits synergistic effects when used in the treatment of cancer. The invention also relates to a method for the treatment of cancer, using a therapeutically effective amount of said combination.

No. of Pages : 56 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2687/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR MIDDLEWARE OF A SENSOR NETWORK□

(51) International classification	:H04L12/24 ,H0□L29/08
(31) Priority Document No	:61/187,088
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/148029
Fil□ng Date	:15/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)BRAKE Desiree D.

3)PRUETTING Christopher J.

4)STITTS Raymond S.

5)RYBERG Jason T.

6)THOMAS Jason C.

7)WINCHELL Diane M.

(57) Abstract :

An apparatus for managing reports including a processing system is disclosed. The processing system is configured to receive a plurality of reports from a plurality of other apparatuses filter out one or more of the plurality of reports and forward the remaining plurality of reports to another apparatus wherein each of the plurality of reports comprises data based on a sensor measurement at the respective one of the plurality of other apparatuses.

No. of Pages : 64 No. of Claims : 17

(54) Title of the invention : HAIR TREATMENT COMPOSITION

(51) International classification	:A61Q 5/10,A61K 8/19
(31) Priority Document No	:EP09168375
(32) Priority Date	:21/08/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/061978
Filing Date	:17/08/2010
(87) International Publication No	:WO/2011/020833
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KNIGHT PENELOPE EILEEN**2)QUARTEY RICHARD AWERKWEI**

(57) Abstract :

This invention relates to a permanent dye for colouring keratinous fibres, in particular one based on the extract of Terminalia chebula, also known as Black Myrobalan or Chebulic Myrobalan, a 30 metres tall evergreen tree native to southern Asia from India/Nepal to southwestern China to Sri Lanka, Malaysia and Vietnam bearing 2 to 4.5 cm long dark drupe-like fruit with longitudinal ridges. Non-permanent hair colour comprises either active species which are larger than 10 Angstroms and can only coat the hair shaft rather than diffuse through the pores into the hair shaft or active species which are not larger than 10 Angstroms and can diffuse through the pores into the hair shaft but once within the hair shaft are able to react or associate with either another species to form a product larger than 10 Angstroms or the internal surface of the hair shaft and thereby to become trapped within the hair shaft. This invention therefore provides a permanent dye for colouring keratinous fibres, the permanent dye comprising: (d) A solution of iron (II) or iron (III) salt; (e) A solution of an aqueous extract of Terminalia chebula; and (f) A solution of at least one colour developer selected from the group consisting of a polyphenol, the breakdown products of a polyphenol, derivatives thereof and mixtures of polyphenols; wherein the iron (II) or iron (III) salt and the at least one colour developer selected from the group consisting of a polyphenol, the breakdown products of a polyphenol and derivatives thereof react to form a complex, and wherein the polyphenol, the breakdown products of a polyphenol, derivatives thereof and mixtures of polyphenols is not in the form of an aqueous extract of terminalia chebula. A method of colouring keratinous fibres using the permanent dye is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2747/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/12/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : PARTLY- INLAID TREADMILL

(51) International classification	:A63B 22/02
(31) Priority Document No	:PI0802482-0
(32) Priority Date	:25/07/2008
(33) Name of priority country	:Brazil
(86) International Application No	:PCT/BR2009/000159
Filing Date	:04/06/2009
(87) International Publication No	:WO/2010/009521
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)NISHIMURA Takashi

(57) Abstract :

Partly-inlaid treadmill, with the part corresponding to the motor case located in a maintenance aisle of the fitness center comprising a partition or wall (1), wherein handrails (4), a panel (9), an object case (11), and fans (42) fixed to the wall (1) and the mechanical and electric components thereof, without cowlings or with small coverings, are centrally located on the structure of the treadmill in the aisle, a side of the wall (1) being directed toward the area accessed by the users of the fitness center and the other side of the wall facing an aisle that may be exclusively accessed by the authorized staff that maintain and regulate the machinery of the treadmills.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2749/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/12/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : A MONITORING SYSTEM BASED ON ETCHING OF METALS

(51) International classification :G01D 21/00

(31) Priority Document No :61/081,763

(32) Priority Date :04/06/2008

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

(86) International Application No :PCT/US2009/046228

Filing Date :04/06/2009

(87) International Publication No :WO/2009/149243

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PATEL G

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(72)Name of Inventor :

1)PATEL G

(57) Abstract :

Compositions, devices and processes related to etching of a very thin layer or fine particles of a metal are disclosed for monitoring a variety of parameters, such as time, temperature, time-temperature, thawing, freezing, microwave, humidity, ionizing radiation, sterilization and chemicals These devices have capabilities of producing a long and sharp induction period of an irreversible visual change The devices are composed of an indicator comprising a very thin layer of a metal The indicator retains its opacity and metallic luster, e g, silvery white, mirror like finish of aluminum layer for a long time The activator destroys the indicator layer including the naturally formed oxide layer

No. of Pages : 225 No. of Claims : 93

(12) PATENT APPLICATION PUBLICATION

(21) Application No.339/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SCRAMBLING CODE SELECTION

(51) International classification	:H04W16/12 ,H04W88/08
(31) Priority Document No	:0914020.3
(32) Priority Date	:11/08/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/050998
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/018641
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAIDA, AMINU, WADA
2)CARTER, ALAN, JAMES, AUCHMUTY
3)PEARCEY, SIMON
4)GIUSTINA, ANDREA

(57) Abstract :

basestation forms part of a group of basestations within a cellular communications network, and selects an identifying code for use in identifying transmissions from the basestation. The basestation receives from a management node a first list of identifying codes and a second list of identifying codes, wherein the identifying codes of the first list can appear in neighbour cell lists of basestations outside said group, and wherein the identifying codes of the second list can not appear in neighbour cell lists of basestations outside said group. The basestation determines whether there is at least one identifying code either in the first list of identifying codes or the second list of identifying codes that is not used by any other basestation in said group. If there is at least one identifying code in the first list of identifying codes and at least one identifying code in the second list of identifying codes that are not used by any other basestation in said group, an identifying code from the first list of identifying codes is selected in preference to an identifying code from the second list of identifying codes.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.415/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONJUGATES OF PYRROLO [1,4]BENZODIAZEPINE DIMERS AS ANTICANCER AGENTS

(51) International classification :C07D 519/00

(31) Priority Document No :0904043

(32) Priority Date :25/08/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/051709

Filing Date :12/08/2010

(87) International Publication No :WO/2011/023883

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :54 RUE LA BOETIE 75008 PARIS
FRANCE.

(72)Name of Inventor :

1)COMMERCON, ALAIN

2)GAUZY-LAZO, LAURENCE

(57) Abstract :

The invention relates to novel conjugates of pyrrolo[1,4]benzodiazepine dimers (I) which can be used as anticancer agents.

No. of Pages : 65 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.416/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR FORCE REDISTRIBUTION IN ARTICULAR JOINTS

(51) International classification	:A61F 2/08
(31) Priority Document No	:61/237,518
(32) Priority Date	:27/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046996
Filing Date	:27/08/2010
(87) International Publication No	:WO/2011/025959
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SHENOY, VIVEK

2)DEEM, MARK

3)GIFFORD, HANSON

(57) Abstract :

Pathologies of joints arising from improper force distributions are addressed by displacement of targeted connective and muscle tissues surrounding the joint in order to realign force vectors and alter moment arms loading the joint.

No. of Pages : 93 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.406/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VACCINES AND IMMUNOTHERAPEUTICS COMPRISING IL-15 RECEPTOR ALPHA AND/OR NUCLEIC ACID MOLECULES ENCODING THE SAME, AND METHODS FOR USING THE SAME

(51) International classification :A61K 45/00

(31) Priority Document No :61/242,210

(32) Priority Date :14/09/2009

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

(86) International Application No :PCT/US2010/048827

Filing Date :14/09/2010

(87) International Publication No :WO/2011/032179

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Address of Applicant :3160 CHESTNUT STREET, SUITE 200, PHILADELPHIA, PA 19140-6283 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)WEINER, DAVID, B.

2)KRAYNYAK, KIMBERLY, A.

3)KUTZLER, MICHELE

(57) Abstract :

Compositions, recombinant vaccines and live attenuated pathogens comprising one or more isolated nucleic acid molecules that encode an immunogen in combination with an isolated nucleic acid molecule that encodes IL- 15Ra or a functional fragment thereof are disclosed. Methods of inducing an immune response in an individual against an immunogen, using such compositions are disclosed.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.407/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CARTILAGE REPAIR

(51) International classification	:A61F 5/00
(31) Priority Document No	:61/236,631
(32) Priority Date	:25/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044969
Filing Date	:10/08/2010
(87) International Publication No	:WO/2011/025650
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BUTLER, TIMOTHY J.

2)PHILBROOK, MICHAEL

3)JARRETT, PETER K.

(57) Abstract :

This invention relates to compositions, methods of preparation thereof, and use thereof for cartilage repair.

No. of Pages : 31 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.417/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISTRIBUTED PRE-ENRICHMENT METHOD AND SYSTEM FOR PRODUCTION OF HEAVY WATER

(51) International classification	:C01B 5/02
(31) Priority Document No	:12/461,025
(32) Priority Date	:29/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001169
Filing Date	:29/07/2010
(87) International Publication No	:WO/2011/011876
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)STUART, ANDREW T. B.

2)MILLER, ALISTAIR I.

3)NORVAL, GRAEME

(57) Abstract :

The present invention provides a process whereby pre-enrichment of water streams using a hydrogen source and a catalytic isotope exchange method at one or more remote sites to supply water with augmented deuterium concentration to a central heavy water. This central heavy water plant could utilize any suitable heavy water production technology, including the Combined Electrolysis and Catalytic Exchange (CECE) heavy water production plant and Girdler Sulfide process. The deuterium content of water at the remote sites is increased and provides water stream(s) with augmented deuterium concentration to feed to the central heavy water production plant. This could be a first stage of the central CECE deuterium enrichment plant, increasing its capacity for heavy water production approximately in the ratio of its enrichment above natural deuterium concentrations. The invention further provides systems and methods for adapting chlorate and chlorine dioxide systems which produce hydrogen to additionally produce deuterium-enriched water.

No. of Pages : 89 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.424/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FASTENING APPARATUS OF COMBINED BOAT

(51) International classification	:B63B 7/02
(31) Priority Document No	:200910041617.7
(32) Priority Date	:04/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070809
Filing Date	:01/03/2010
(87) International Publication No	:WO/2011/015045
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)LUO, DAKAI

(72)Name of Inventor :

1)LUO, ENHAO

2)LUO, DAKAI

(57) Abstract :

A fastening apparatus of a combined boat for securely joining boat hulls of the combined boat is disclosed. Grooves (3) are provided at the peripheries of joints of the boat hulls. The fastening apparatus includes a holding band (2) with ridges (4) mating with the grooves (3), and the holding band engages via the ridges (4) with the grooves (3) so as to join the boat hulls of the combined boat together securely. The fastening apparatus of the combined boat is simple in structure, easy to manufacture, and convenient to mount and dismount.

No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.425/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : REGULATOR DEVICE FOR VEHICLE DOOR WINDOW PANE

(51) International classification	:E05F 11/44
(31) Priority Document No	:2009-207310
(32) Priority Date	:08/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062872
Filing Date	:30/07/2010
(87) International Publication No	:WO/2011/030630
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)FUJISAKI, TOMOYUKI
2)YONEMOTO, MASASHI
3)YAMAZAKI, MASAKO

(57) Abstract :

A regulator device for vehicle door glass, configured in such a manner that a lift arm and the entire device are reduced in thickness and that an equalizer arm can be easily formed by drawing. A lift arm (25) is provided with a through-hole (26), a flange wall (31), and a ridge (29) which is configured so as to form an annular gap (30) with respect to the flange wall and which protrudes a greater distance than the flange wall. An equalizer arm (40) comprises: a first arm (42) which is provided with a rotation shaft protrusion section (46) located on one surface side of the lift arm and rotatably engaging with the through-hole, and also with a rotation contact surface (47) in rotatable contact with the ridge; and a second arm (50) which is located on the other surface side of the lift arm and is provided with an affixation section (56) affixed to a rotation shaft section, and also with a contacting protrusion section (55) in rotatable contact with the other surface of the lift arm.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.397/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SCLERAL INCISION TEMPLATE AND A SPECIAL BLADE-KNIFE FOR EYE SURGERY

(51) International classification	:A61F 9/007
(31) Priority Document No	:1932/MUM/2009
(32) Priority Date	:20/08/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2010/000547
Filing Date	:18/08/2010
(87) International Publication No	:WO/2011/021225
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)AVHAD, NARAYAN FAKKADRAO

(57) Abstract :

A scleral incision template (SIT) and blade-knife is provided that facilitates adequate, efficient and smooth sclera-corneal tunnel dissection by achieving high quality scleral incision that may be close to ideal. The completed scleral incision has a correct predetermined size, shape, length, site and even depth throughout the length of the incisional groove. The synergetic action of the SIT with blade unit makes the sclero-corneal flaps uniform in thickness and tunnel uniform in depth. This facilitates the passage for the extraction of the cataract nucleus, as well as to implant the IOL inside the eyeball and also reduces complications more efficiently than when an incision is taken with help of blade-knife available.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.412/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TAMPERING DETECTION METHOD

(51) International classification	:G06F 21/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/000394
Filing Date	:28/08/2009
(87) International Publication No	:WO/2011/025416
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)PAULI, JOAKIM

(57) Abstract :

The present invention relates to a method for detecting use of unauthorized software in an engine control unit provided in a vehicle, said method comprising the steps of: calculating CVN each time the engine is started, comparing a last calculated CVN with a last stored CVN in a list of a plurality of CVN entries, storing said last calculated CVN if said last calculated CVN is different to the last stored CVN together with a date of an entry in said list of CVN and/or the current odometer status, removing entries in the list of CVN according to FIFO principle when said list of CVN is full, and to present this upon request from an on-board or off-board tool.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.413/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A3 ADENOSINE RECEPTOR LIGANDS FOR MODULATION OF PIGMENTATION

(51) International classification :A61K 8/60

(31) Priority Document No :61/227,079

(32) Priority Date :21/07/2009

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

(86) International Application No :PCT/IL2010/000576

Filing Date :20/07/2010

(87) International Publication No :WO/2011/010306

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MADI, LEA LEVANA

2)KORENSTEIN, RAFI

(57) Abstract :

The present invention relates to compositions and methods for modulating melanin production, secretion and/or accumulation in human skin cells. In particular, the present invention relates to the use of A3 adenosine receptor antagonists in compositions and methods for the treatment and amelioration of hyper-pigmentation conditions and for the lightening of skin, and to the use of A3 adenosine receptor agonists in compositions and methods for the treatment and amelioration of hypo-pigmentation conditions and for the tanning of skin.

No. of Pages : 62 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.428/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PREPARING 1-PHENYLPYRAZOLES

(51) International classification :C07D 231/14

(31) Priority Document No :09169528.8

(32) Priority Date :04/09/2009

(33) Name of priority country :EUROPEAN
UNION

(86) International Application No :PCT/EP2010/062950

Filing Date :03/09/2010

(87) International Publication No :WO/2011/026937

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DOCHNAHL, MAXIMILIAN

2)LIPOWSKY, GUNTER

(57) Abstract :

The present invention to a process for preparing 1-phenylpyrazoles of the formula I in which each R1 is independently selected from chlorine, fluorine, alkyl, haloalkyl, alkoxy and haloalkoxy; n is 1, 2 or 3; each R2 is independently selected from cyano, nitro, halogen, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio and alkoxy carbonyl; m is 0, 1 or 2; A is alkyl, aryl or aryl-C1-C4-alkyl, where A optionally bears 1, 2, 3 or 4 substituents comprising reacting a phenyl halide of the formula (II) with a pyrazole derivative of the formula (III) in which X is chlorine, iodine or bromine; and R1, n, R2, m and A are each as defined above, in the presence of a base and a catalytic system comprising a ligand and a metal compound selected from palladium compounds, iron compounds and copper compounds.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTROMAGNETIC LIFTER FOR MOVING HORIZONTAL- AXIS COILS AND THE LIKE

(51) International classification	:B66C 1/06,H01F 7/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000393
Filing Date	:01/09/2009
(87) International Publication No	:WO/2011/027368
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MOLTENI, DANILO

(57) Abstract :

An electromagnetic lifter comprises at least two polar expansions (4), shaped for transporting a horizontal axis coil or the like, arranged perpendicularly to the axis of the coil to be lifted, divided into two halves (4a, 4b) slidable with respect to each other under the action of an actuator mechanism (5) and shaped so as to be able to penetrate each other. The adjustability of the polar expansions (4) allows them to better adapt to the different diameters of the coils to be lifted, with the result of exploiting the greatest possible useful polar section and of reducing to a minimum the operational air gaps, whereby the lifter need not be oversized to take into account the most unfavourable case and it results smaller, lighter and cheaper.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.426/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VALUE EXCHANGE SYSTEM FOR USE WITHIN AN INTERNET-BASED SOCIAL NETWORK

(51) International classification :G06Q 30/00

(31) Priority Document No :PI20093417

(32) Priority Date :17/08/2009

(33) Name of priority country :Malaysia

(86) International Application No :PCT/MY2010/000143

Filing Date :13/08/2010

(87) International Publication No :WO/2011/021924

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)BANGAH, GANESH, KUMAR

2)SIEW, TJEN, TSENG

(57) Abstract :

A computer-implemented method of enabling a value exchange between users of a SNS which functions within the confines of the SNS according to the present invention, employs a system that comprises an application which creates an interface to the value exchange system, a means for registration to enable users to register with the value exchange system, wherein a user is assigned an account with the value exchange system after registration, a means for receiving at the value exchange system, a value exchange transaction between a first user and a second user, wherein the users are members of a same internet-based social network and the value exchange system makes use of the internet-based social network account identifiers of the respective users to enable the communication of value exchange transactions between the users, a notification means for computer generation of notifications of the value exchange transactions between the first and second users, and for the electronic transmission of the said notifications, and a value exchange means for debiting from or crediting to the value exchange system account of the first user the value to be exchanged in a value exchange transaction, and correspondingly crediting to or debiting from the value exchange system account of the second user the value to be exchanged.

No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.433/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR CONTROLLING DELIVERY QUANTITY AND RECIPROCATING COMPRESSOR HAVING DELIVERY QUANTITY CONTROL

(51) International classification	:F04B39/08,F04B49/24
(31) Priority Document No	:PCT/EP2009/059528
(32) Priority Date	:23/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060545
Filing Date	:21/07/2010
(87) International Publication No	:WO/2011/009879
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ALLENSPACH, ANDREAS

2)AIGNER, ROLAND

(57) Abstract :

The invention relates to a method for the delivery quantity control of a reciprocating compressor, wherein the motion of a closing organ (5b) of an automatic suction valve (5) is influenced during at least one part of a cycle of the crankshaft by means of a retraction gripper (6) driven by a control device (2), wherein the method comprises a continuously variable return flow control, wherein the retraction gripper (6) contacts the closing organ (5b) and prevents the same from closing during a first partial segment (K1) of the cycle of the crankshaft, and wherein the retraction gripper (6) is retracted during a second partial segment (K2) of the cycle of the crankshaft and the closing organ (5b) is closed, and wherein the method comprises an interruption control, wherein the retraction gripper (6) prevents the closing organ (5b) from closing during an entire cycle of the crankshaft, wherein the delivery quantity is controlled at least by a combination of continuously variable return flow control and interruption control, and wherein the closing organ (5b) is influenced by the control device (2) and the retraction gripper (6) such that a closing organ (8b) of a pressure valve (8) of the reciprocating compressor is opened at least during a prescribed total opening angle (Kv) of a crankshaft.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.431/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INTERNAL GEAR MACHINING METHOD AND INTERNAL GEAR MACHINING DEVICE

(51) International classification :B23F 5/04
(31) Priority Document No :2009-192770
(32) Priority Date :24/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063351
Filing Date :06/08/2010
(87) International Publication No :WO/2011/024626
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YANASE YOSHIKOTO
2)OCHI, MASASHI

(57) Abstract :

Provided are an internal gear machining method and an internal gear machining device, by which a precise tooth profile grinding can be realized by correcting a tooth profile error when grinding of a tooth profile of an internal gear is performed using a barrel-shaped threaded grinding wheel. An NC device (31) which functions as a tooth profile error correction means in an internal gear grinding machine (internal gear machining device) reduces a measured pressure angle error ($\Delta\alpha_L$ $\Delta\alpha_R$) of a workpiece (W) (internal gear) at a tooth face by correcting the radial position/ the lateral position of the grinding wheel, the turning angle of the grinding wheel, and the helical motion; reduces a measured error (ΔL) in the direction of a tooth trace of the workpiece (W) at a tooth face by correcting the helical motion; and reduces a measured tooth thickness error (Δt_h) of the workpiece (W) at a tooth face by correcting the radial position, the lateral position of the grinding wheel, and the helical motion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.447/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : TIRE VULCANIZER

(51) International classification	:B29C33/02, B29C35/02, B29D30/06
(31) Priority Document No	:2011-040726
(32) Priority Date	:25/02/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/060715
Filing Date	:10/05/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HIDEKI FUKUDA

2)KUNIO MATSUNAGA

3)JOJI YUSA

(57) Abstract :

To provide a tire vulcanizer which is configured to slide back a lifting/sliding mechanism to a waiting position, and which is featured in being capable of making uniform the squeezing force applied by the upper metal mold at the time of vulcanization. The tire vulcanizer (1A), in which a green tire is put into a metal mold capable of being separated into a lower metal mold (3) and an upper metal mold (4) and is then heated and pressurized so as to be finished into a shape of a cured tire, is featured by including a slide back mechanism configured such that the upper metal mold (4) separated and lifted from the lower metal mold (3) installed to be fixed to a base (2) is moved by an operation of a movable carriage (14) so as to reciprocate between a vulcanization position at which the upper metal mold (4) is pressed toward the lower metal mold (3), and a waiting position at which the green tire can be carried in the lower metal mold (3) and at which the cured tire can be carried out from the lower metal mold (3), and is featured in that the upper metal mold (4) is attached below, via a squeezing cylinder mechanism (30), to a beam (11) integrated with a tie rod (13) which is vertically moved by an operation of a lifting/lowering cylinder (12) along a guide hole provided in the movable carriage (14).

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.448/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : FOAMABLE PESTICIDE COMPOSITIONS AND METHODS OF APPLICATION

(51) International classification	:A01N 25/06
(31) Priority Document No	:61/237,977
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046515
Filing Date	:24/08/2010
(87) International Publication No	:WO/2011/025789
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BURKE, TERRENCE, R.
2)MORAN, HENRY, WAYNE
3)BERGER, JONATHAN, D.
4)CINK, JAMES, H.

(57) Abstract :

Ready-to-use foamable pesticide compositions that contain a pesticide dispersed in a composition containing water, a co-solvent, surfactant and propellant. Methods for treating pests such as arthropods by contacting pests with such compositions are also provided.

No. of Pages : 42 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.457/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : OPTHALMIC DRUG DELIVERY SYSTEM CONTAINING PHOSPHOLIPID AND CHOLESTEROL

(51) International classification :A61K 9/16
(31) Priority Document No :12/538,435
(32) Priority Date :10/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/022487
Filing Date :29/01/2010
(87) International Publication No :WO/2011/019410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TSENG, YUN-LONG
4)GUO, LUKE S., S.
5)HONG, KEELUNG

(57) Abstract :

An ophthalmic drug delivery system that contains phospholipid and cholesterol for prolonging drug lifetime in the eyes.

No. of Pages : 24 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.429/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISPOSABLE WEARING ARTICLE

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-201056
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005357
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/024489
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)OTSUBO, TOSHIFUMI

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3)YAMASHITA, MARIKO

4)KUDO, ETSUKO

(57) Abstract :

An object of the present invention is to provide a disposable wearing article having improved bulkiness as well as flexibility of the outer sheet by using crimped fiber as a material for the outer sheet and bonds the inner and outer sheets by adhesive to provide the article with a good texture and a good appearance. A first waist region 13 as a whole or in its part lying in a vicinity of a waist-opening is elasticized and formed of an inner sheet 32 defining the skin-facing side and an outer sheet 30 defining the non-skin-facing side wherein the non-skin-facing side of the outer sheet 30 is formed substantially over its entire area with a plurality of thermocompression-bonded spots 20 regularly and intermittently arranged at predetermined intervals. The outer sheet 30 has non-thermocompressed regions 64 surrounded by a plurality of thermocompression-bonded spots 20. A fibrous layer lying at least on the outer surface of said outer sheet 30 is formed of thermal adhesive crimped fibers 63 which are bonded together by thermocompression-bonding treatment in the thermocompression-bonded spots 20. The outer sheet 30 and the inner sheet 32 are bonded to each other by adhesive 35 applied on at least one of respective opposite surfaces thereof so that the crimped fibers 63 in the non-thermocompressed regions 64 may protrude outward in a thickness direction of the outer sheet 30 as the inner sheet 32 contracts in the direction of the transverse axis Q.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.436/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GALECTIN-3 AND CARDIAC RESYNCHRONIZATION THERAPY

(51) International classification	:G01N 33/68
(31) Priority Document No	:61/236,712
(32) Priority Date	:25/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046689
Filing Date	:25/08/2010
(87) International Publication No	:WO/2011/031493
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MUNTENDAM, PIETER

(57) Abstract :

The present invention relates to materials and methods for monitoring and predicting a heart failure patients physiological response to cardiac resynchronization therapy. More specifically, the present invention relates to the endogenous protein galectin-3 and its use in monitoring progression of disease in a patient undergoing cardiac resynchronization therapy, and as a predictor of response to cardiac resynchronization therapy.

No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.454/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VERTICAL AXIS WIND TURBINE GENERATOR

(51) International classification	:F03D 3/04,F03D 11/00
(31) Priority Document No	:0901004039
(32) Priority Date	:08/09/2009
(33) Name of priority country	:Thailand
(86) International Application No	:PCT/TH2010/000033
Filing Date	:06/09/2010
(87) International Publication No	:WO/2011/031245
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SUTTISILTUM, APICHAT

(57) Abstract :

The present invention relates to a vertical axis wind turbine generator comprising one turbine. The turbine comprises a plurality of V-shape longitudinal cup type blades mounted horizontally in one or more circulars around a rotor to received the wind mass and push the turbine to rotate, a step-up gear to increase the turbine shaft rotation speed, a generator is to be rotated by the drive shaft of step-up gear, a lift-up equipment for eliminating friction loss at the bearings while the turbine rotation to make it rotate similarly; freely floated in the air, and a set of wind velocity accelerating tunnel to increase wind mass blowing from any directions to a higher velocity than the natural instantaneous wind speed when approaching blades front. The turbine set is installed on a tower structure.

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.455/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CUTTING DEVICE

(51) International classification :B23D 21/14
(31) Priority Document No :2009203210
(32) Priority Date :03/08/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/000981
Filing Date :03/08/2010
(87) International Publication No :WO/2011/014914
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)O'KEEFE, FRASER THOMAS
2)LOCH, ANDREW
3)MCMINN, WILLIAM
4)ELKINGTON, MICHAEL JAMES

(57) Abstract :

A cutting device 10 for cutting a pipe 32 having a pipe wall is disclosed. The cutting device 10 includes an elongate carrier 12 having a tool end 12.1 which is engageable with a power tool and an opposed free end 12.2. The device 10 includes a guide wheel 16 located at the free end 12.2 of the carrier 12 which is loosely mounted thereon for rotation relative thereto, having a bearing surface 34 extending parallel to a longitudinal axis of the carrier 12. The device 10 also includes a cutting element 14 having a peripheral cutting edge 36 which is located adjacent to the guide wheel 16 being positioned intermediate the guide wheel 16 and the tool end 12.1. The cutting element 14 is of greater transverse dimension than the guide wheel 16 so that when the bearing surface 34 bears against an internal surface of the pipe 32 the distance between the cutting edge 36 of the cutting element 14 and the bearing surface 34 enables the cutting element 14 to cut through the pipe wall.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.423/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF SARMENTINE AND ITS ANALOGS FOR CONTROLLING PLANT PESTS

(51) International classification	:A01N 37/18
(31) Priority Document No	:61/227,412
(32) Priority Date	:21/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042607
Filing Date	:20/07/2010
(87) International Publication No	:WO/2011/011415
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HUANG, HUAZHANG
2)ASOLKAR, RATNAKAR

(57) Abstract :

Methods and compositions for modulating phytopathogenic infection in a plant comprise applying to the plant and/or seeds thereof and/or substrate used for growing said plant an amount of a sarmentine and/or a sarmentine analog having substantially the same activity as sarmentine effective to modulate said phytopathogenic infection via virus, fungi, bacteria, nematode and insect.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.430/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WEARING ARTICLE

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-200803
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060419
Filing Date	:21/06/2010
(87) International Publication No	:WO/2011/024542
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HASHINO, YUKI

2)MASAKI, SHUNSUKE

3)YOSHIOKA, TOSHIYASU

4)ONO, YOSHIO

(57) Abstract :

A wearing article configured in such a manner that a liquid absorbing structure, such as an absorbing body, does not separate in the front and rear waist regions from the wearers body and, as a result, urine, etc. are prevented from leaking due to the formation of a gap between the wearer and the liquid absorbing structure. A diaper (10) includes a front waist member (20), a rear waist member (30), and a crotch member (40). The outer surface of a liquid absorbing structure (41) of the crotch member (40) is covered with an outer covering sheet (44), and gasket cuffs (50) and leakage barrier cuffs (60) are formed by the outer covering sheet (44). Imaginary folding lines (65) extending in the longitudinal direction (Y) are each formed between the proximal edge (62) and the distal edge (63) of a leakage barrier cuff (60), and the leakage barrier cuff (60) is folded along the imaginary folding line (65) while a barrier elastic member (64) is not being stretched or contracted. The leakage barrier cuffs (60) are joined at the front and rear portions (45, 46) of the liquid absorbing structure (41) to an inner covering sheet through a joining means, such as an adhesive agent, and this forms front and rear joined regions (66, 67) extending in the longitudinal direction (Y).

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.450/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND DEVICE FOR CONVERTING THERMAL ENERGY FROM BIOMASS INTO MECHANICAL WORK

(51) International classification	:F02C 3/28,F02C 1/04
(31) Priority Document No	:10 2009 038 322.0
(32) Priority Date	:21/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061754
Filing Date	:12/08/2010
(87) International Publication No	:WO/2011/020768
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)DRAGAN STEVANOVIC

(57) Abstract :

The invention relates in particular to a method for converting thermal energy from carbonaceous raw materials into mechanical work, having at least one first (4) and one second (6) device for storing and releasing thermal energy connected to least intermittently alternatingly in a turbine branch (T) having a gas turbine (8) connected downstream thereof, comprising the steps of: a) combusting a gas in a gas combustor (2); b) passing the smoke gases (3) arising in the gas combustor (2) through a device (4, 6) for storing thermal energy; and c) feeding the hot air released by at least one device (4, 6) into the gas turbine (8), wherein the hot air (7) released by the gas turbine (8) is fed to at least one heat exchanger () connected downstream of the gas turbine (8).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.468/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : RADIO BASE STATION APPARATUS, RADIO TERMINAL APPARATUS AND WIRELESS COMMUNICATION METHOD

(51) International classification	:H04W 48/16
(31) Priority Document No	:2009-212261
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005575
Filing Date	:13/09/2010
(87) International Publication No	:WO/2011/030561
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SEKI, YUTA

(57) Abstract :

A radio base station apparatus wherein even when a single-base-station transmission and a plural-base-station cooperative transmission are implemented at the same time, the terminal-to-base-station feedback information amount and the ICI can be reduced, thereby improving the reception characteristic of a terminal existing in the vicinity of a cell edge. A base station (100) uses a first transmission mode, in which only the base station implements a signal transmission, and a second transmission mode, in which the base station implements a cooperative signal transmission together with another radio base station apparatus, to communicate with one or more radio terminal apparatuses. A setting unit (103) sets, as a particular frequency band the reception quality of which is to be measured, one of first and second frequency bands that are parts of a band used for communications with the terminals. A deciding unit (101) decides, as the transmission mode for the terminals, one of the first and second transmissions on the basis of the reception quality of the particular frequency band.

No. of Pages : 63 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.434/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUBSTITUTED BENZOAZEPINES AS TOLL-LIKE RECEPTOR MODULATORS

(51) International classification :C07D 401/14
(31) Priority Document No :61/234,969
(32) Priority Date :18/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045934
Filing Date :18/08/2010
(87) International Publication No :WO/2011/022508
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HERSHBERG, ROBERT

4)BURGESS, LAURENCE, E.

5)LYSSIKATOS, JOSEPH, P.

6)NEWHOUSE, BRAD

7)YANG, HONG, WOON

(57) Abstract :

Provided are compositions and methods useful for modulation of signaling through the Toll-like receptors TLR7 and/or TLR8. The compositions and methods have use in treating or preventing disease, including cancer, autoimmune disease, infectious disease, inflammatory disorder, graft rejection, and graft-verses-host disease.

No. of Pages : 132 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.435/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUBSTITUTED BENZOAZEPINES AS TOLL-LIKE RECEPTOR MODULATORS

(51) International classification :C07D 403/10
(31) Priority Document No :61/234,971
(32) Priority Date :18/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045935
Filing Date :18/08/2010
(87) International Publication No :WO/2011/022509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)DOHERTY, GEORGE, A.

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7)GRONEBERG, ROBERT, D.

8)JONES, ZACHARY

(57) Abstract :

Provided are compositions and methods useful for modulation of signaling through the Toll- like receptors TLR7 and/or TLR8. The compositions and methods have use in treating or preventing disease, including cancer, autoimmune disease, infectious disease, inflammatory disorder, graft rejection, and graft-verses-host disease.

No. of Pages : 137 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.451/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIO-FUEL CELL SYSTEM

(51) International classification	:H01M 8/16
(31) Priority Document No	:12/461,340
(32) Priority Date	:07/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001210
Filing Date	:09/08/2010
(87) International Publication No	:WO/2011/014953
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PUPKEVICH, VICTOR R.

3)HOJJATI, HOSSEIN

(57) Abstract :

The present invention discloses a new type of bio-fuel cell, based on the microbial regeneration of the oxidant, ferric ions. The bio-fuel cell is based on the cathodic reduction of ferric to ferrous ions, coupled with the microbial regeneration of ferric ions by the oxidation of ferrous ions, at a pH less than about 1.2, with fuel (such as hydrogen) oxidation on the anode electrode. The microbial regeneration of ferric ions is achieved by microorganisms such as *Leptospirillum ferriphilum*. Electrical generation is coupled with the consumption of carbon dioxide from atmosphere and its transformation into microbial cells, which can be used as a single-cell protein.

No. of Pages : 38 No. of Claims : 36

(54) Title of the invention : CATHETER COMPRISING A PROTECTION SYSTEM FOR ASPIRATING, FRAGMENTING AND EXTRACTING REMOVABLE MATERIAL FROM HOLLOW BODIES AND/OR VESSELS, IN PARTICULAR OF THE HUMAN OR ANIMAL BODY

(51) International classification :A61B 17/3207
 (31) Priority Document No :CH1328/09
 (32) Priority Date :27/08/2009
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/IB2010/053816
 Filing Date :25/08/2010
 (87) International Publication No :WO/2011/024124
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)HELLER, MATHIAS

(57) Abstract :

The invention relates to a device and a method for aspirating, fragmenting and extracting removable material from hollow bodies, in particular thrombi and emboli from blood vessels. To this end, a guide wire (11) is introduced into the hollow body (1) via an opening. The material is removed by means of a dissolution catheter (3) comprising a working head (6) with a stator (8) and a rotor (9), wherein the rotor (9) is connected to a flexible delivery screw (10) surrounding the guide wire (11). The circumference of the stator (8) comprises a lateral inlet opening (8a). The inlet opening (8a) of the stator (8) is designed as two circular holes disposed axially behind one another in relation to the longitudinal axis of the dissolution catheter (3). Material forced into the inlet openings (8a) and/or the aspirated and/or detached thrombi (2) and emboli shear and/or fragment between the peripheral edges of the inlet openings (8a) of the stator (8) and the rotor (9). A flexible casing (7) surrounding the delivery screw (10) and connected to the stator (8) is used to discharge the ablated material and/or the detached thrombi and emboli fragments. Before introducing the dissolution catheter (3), a sheath catheter (4) is introduced into the hollow body (1) until it lies in front of the material to be removed. The cross-section of the hollow body (1) is then closed at least partially by means of the sheath catheter (4), thus preventing detached thrombi or emboli fragments from being accidentally washed away.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.456/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR REDUCING NITROUS OXIDE EMISSION FROM SOILS

(51) International classification	:A01N 25/00
(31) Priority Document No	:09170414.8
(32) Priority Date	:16/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/063358
Filing Date	:13/09/2010
(87) International Publication No	:WO/2011/032904
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)GEIGER, CHRISTIAN

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5)BRAHM, LUTZ

6)WISSEMEIER, ALEXANDER

7)PEACH, DANA

8)NAVE, BARBARA

(57) Abstract :

The present invention relates to a method for reducing nitrous oxide emission from soils comprising treating a plant growing on the respective soil and/or the locus where the plant is growing or is intended to grow and/or the seeds from which the plant grows with at least one fungicide (compound A) and at least one ammonium- or urea-containing fertilizer (compound B) wherein the application of at least one compound (A) and at least one compound (B) is carried out with a time lag of at least 1 day.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.474/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CERAMIC INSULATOR AND METHODS OF USE AND MANUFACTURE THEREOF

(51) International classification :C04B 35/18
(31) Priority Document No :61/237,466
(32) Priority Date :27/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042812
Filing Date :21/07/2010
(87) International Publication No :WO/2011/034655
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

One embodiment of the present disclosure is directed to an insulator comprising a ceramic composition, wherein the ceramic composition comprises about 25-60% SiO₂; 15-35% R₂O₃, wherein the R₂O₃ is 3-15% B₂O₃ and 5-25% Al₂O₃; 4- 25% MgO+0-7% Li₂O, wherein the total of MgO+Li₂O is between about 6-25%; 2-20% R₂O, wherein the R₂O is 0-15% Na₂O, 0-15% K₂O, 0-15% Rb₂O; 0-15% Rb₂O; 0-20% Cs₂O; and 4-20% F; crystalline grains, wherein the crystalline grains are substantially oriented to extend in a first direction to provide improved insulating properties in a direction perpendicular to the first direction, wherein the first direction is circumferential and the direction perpendicular to the first direction is radial; and a first zone and a second zone, wherein the first zone is in compression and the second zone is in tension.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.485/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : ABRASIVE TOOL HAVING CONTROLLED POROSITY DISTRIBUTION

(51) International classification	:B24D 3/10,B24B 37/04
(31) Priority Document No	:61/230,941
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044293
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/017356
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)JEEVANANTHAM, MUTHU;
4)BONNER, ANNE, M;
5)KLETT, MICHAEL, W;
6)MATSUMOTO, DEAN, S;

(57) Abstract :

An abrasive tool having a body including an abrasive portion having abrasive grains contained within a matrix material and porosity characterized by a bimodal distribution of pores including large pores having an average large pore size (Pl) and small pores having an average small pore size (Ps), wherein Pl>Ps. The body of the abrasive tool further includes a first reinforcing member contained within the abrasive portion, and a percent thermal expansion over a temperature range for 25°C to 450°C of not greater than about 0.7%.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.499/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYNCHRONIZING RING ASSEMBLY AND METHOD FOR FORMING THE FRICTION LININGS OF A SYNCHRONIZING RING

(51) International classification	:F16D 23/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/062381
Filing Date	:24/09/2009
(87) International Publication No	:WO/2011/035806
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)RECHTERN, HANS-JURGEN

(57) Abstract :

A Synchronizing ring assembly (1) comprises at least tow synchronizing rings (2,3,4). The latter each have a frictional surface (7,8; 15,16) which can be placed into operative connection to one another to form a friction pairing. At least one of the two synchronizing rings is manufactured from a steel material and the other from a brass material. The brass-material synchronizing ring has a structure in which harder particles P are incorporated into a softer crystalline base material. The frictional surface (8, 15) of the friction pairing of the steel-material synchronizing ring (3), which frictional surface is complementary to the other frictional surface, is formed by a friction lining (13, 14) consisting of an organic binder with filler particles incorporated therein, wherein the filler particles are harder then binder. A method for forming the friction linings of a synchronizing ring (3) having two frication lining (13, 14) arranged concentrically with respect to each other is defined in that use is made of an injection-mouldable and/or transfer-mouldable plastics compound and the latter is applied by means of a plastics injection-moulding or transfer-moulding method from one side of the rings section (9) which is to be coated, and the friction liking compound is guided through apertures (11, 12) in the ring section (9) from the casting side onto the ring section surfaces which are provided for forming the frictional surface (13, 14).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.458/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND MEANS FOR DATA SEARCHING AND LANGUAGE TRANSLATION

(51) International classification	:G06F 17/30
(31) Priority Document No	:09168388.8
(32) Priority Date	:21/08/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/061611
Filing Date	:10/08/2010
(87) International Publication No	:WO/2011/020742
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)VAANANEN, MIKKO

(57) Abstract :

The invention relates to data searching and translation. In particular, the invention relates to searching documents from the Internet or databases. Even further, the invention also relates to translating words in documents, WebPages, images or speech from one language to the next. A computer implemented method comprising at least one computer in accordance with the invention is characterised by the following steps: receiving a search query comprising at least one search term, deriving at least one synonym for at least one search term, expanding the received search query with the at least one synonym, searching at least one document using the said expanded search query, retrieving the search results obtained with the said expanded query, ranking the said search results based on context of occurrence of at least one search term. The best mode of the invention is considered to be an Internet search engine that delivers better search results.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.472/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BREECH DEVICE FOR A HAND FIREARM

(51) International classification	:F41A 9/10,F41A19/13
(31) Priority Document No	:12/508,651 US
(32) Priority Date	:24/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/001749
Filing Date	:19/07/2010
(87) International Publication No	:WO/2011/010201
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)LOGANCHUK, VLADIMIR

(57) Abstract :

A breech device of a hand firearm comprises a firearm casing, a trigger mechanism, a carrier slidably arranged within the firearm casing, and a breech block engaging the carrier and having a firing pin. The breech device further includes a tensioning element slidably engaged with the carrier and coupled to at least one follower pin engaging the firing pin and slidably engaged with the breech block. The tensioning element includes a projecting part having a forward-directed nose adapted to engage a stop detent on the trigger mechanism. The breech device further includes a tensioning pin slidably engaged with the carrier and the breech block.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.473/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MODIFICATION OF RECOMBINANT ADENOVIRUS WITH IMMUNOGENIC PLASMODIUM CIRCUMSPOROZOITE PROTEIN EPITOPES

(51) International classification	:A61K 39/015
(31) Priority Document No	:PCT/US2009/054212
(32) Priority Date	:18/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045952
Filing Date	:18/08/2010
(87) International Publication No	:WO/2011/022522
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SHIRATSUCHI, TAKAYUKI
2)TSUJI, MORIYA

(57) Abstract :

The present disclosure relates to adenovirus protein modifications to augment immune response to a transgene of a recombinant adenovirus and to circumvent pre-existing anti-adenovirus immunity. Some embodiments are directed to a recombinant adenovirus derived from a recombinant adenovirus plasmid vector, wherein the recombinant adenovirus plasmid vector comprises a nucleotide sequence encoding a Plasmodium circumsporozoite protein, or antigenic portion thereof, operably linked to a heterologous promoter and a modified capsid or core protein, wherein an immunogenic epitope of Plasmodium circumsporozoite is inserted into or replaces at least part of a capsid or core protein. Other embodiments are directed to a pharmaceutical composition or a malaria vaccine composition comprising a recombinant adenovirus according to the above embodiments. Further embodiments include a method of treating, preventing, or diagnosing malaria, comprising administering a therapeutic amount of the pharmaceutical composition or malaria vaccine composition in accordance with the above embodiment.

No. of Pages : 171 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF ZANAMIVIR

(51) International classification	:A61K31/351; C07D309/28	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA.
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(32) Priority Date	:NA	1)CHARAN GANPAT DAN SHIMBHU
(33) Name of priority country	:NA	2)TEHARE AJAY ONKARSINGH
(86) International Application No	:NA	3)SINGH KUMAR KAMLESH LAXMI
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 process for preparing 5-(acetylamino)-4-[(aminorminomethyl)amino]-2,6-anhydro-3,4,5-trideoxy-D-glycero-D-galacto-non-enonic acid Formula (I), which process comprises reducing compound of Formula (IV) by Lindlar catalyst in presence of hydrogen to obtain compound of Formula (V). reacting compound of Formula (V) with pyrazole-1H-carboxamidine or its suitable salt to obtain compound of Formula (VIII). hydrolyzing the compound of Formula (VIII) to give compound of Formula (I). The present invention also provides compounds of formula (VIII) which may be used in the synthesis of zanamivir. The present invention also provides process for preparing compound of formula (VIII) and process involving the use of Formula (VIII), including in the synthesis of zanamivir.

No. of Pages : 26 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.507/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR CHANNEL CONTENT ALTERNATION NOTIFICATION AND CHANNEL RE-DETECTING

(51) International classification	:H04W 4/06
(31) Priority Document No	:200910089912.X
(32) Priority Date	:28/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/001144
Filing Date	:28/07/2010
(87) International Publication No	:WO/2011/011975
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)LIN YANAN
2)YANG XIAODONG
3)PAN XUEMING
4)XIAO GUOJUN

(57) Abstract :

A method for channel content alternation notification and channel re-detecting is provided. The method is: a base station determines that the configured carried content of multimedia broadcast multicast service (MBMS) point to multipoint control channel (MCCH) is altered, and transmits the notification about alternation of the carried content of MCCH to a terminal through a physical downlink control channel (PDCCH); the terminal re-detects MCCH according to the notification after the terminal received the notification. A system and a device for channel re-detecting are provided. The terminal can recognize whether the carried content of MCCH is altered, and re-detect MCCH in case of altered without re-detecting MCCH periodically, therefore it is beneficial to save the resources of terminal.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CRYSTALLINE CHOLINE FENOFIBRATE AND A NOVEL POLYMORPH THEREOF

(51) International classification	:A61K31/216	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARMAN FINOCHEM LIMITED
(32) Priority Date	:NA	Address of Applicant :107, VINAY BHAVYA COMPLEX,
(33) Name of priority country	:NA	159-A, C.S.T. ROAD, KALINA, MUMBAI-400098,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)JAIN KIRTI PRAKASH
(61) Patent of Addition to Application Number	:NA	2)KADAM VIJAY TRIMBAK
Filing Date	:NA	3)MARKHELE VIDYADHAR MAROTIRAO
(62) Divisional to Application Number	:NA	4)MINHAS GURPREET SINGH
Filing Date	:NA	5)MINHAS HARPREET SINGH

(57) Abstract :

In accordance with the present invention, an improved process for the preparation of crystalline choline fenofibrate using a single organic solvent, comprises steps of (a) hydrolyzing the choline chloride in an organic solvent at ambient temperature, leaving choline base free in the solution; (b) reacting the choline free base and fenofibric acid in presence of the same organic solvent at the same temperature to form a crystalline choline fenofibrate. The present invention also relates to a novel crystalline Form B of choline fenofibrate having characteristic XRPD diffraction peaks at 7.95, 15.90, 16.62, 17.35, 19.08, 19.33, 22.10, 22.63, 23.96, 28.42, 28.79 and $31.49 \pm 0.2^\circ$ 2 θ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROTEIN MATRIX VACCINES OF IMPROVED IMMUNOGENICITY

(51) International classification	:A61K 39/09
(31) Priority Document No	:61/276,183
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/048311
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/031893
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :
1)KILLEEN, KEVIN, P.
2)GRIFFIN, THOMAS, J., IV
3)THANAWASTIEN, ANN

(57) Abstract :

The present invention relates to immunogenic compositions containing an antigen of interest entrapped with a crosslinked carrier protein matrix, methods of making such vaccines, and methods of vaccine administration, wherein the immunogenicity of the protein matrix, and hence its effectiveness as a vaccine, is improved by controlling or selecting the particle size of the protein matrix particles to eliminate low molecular weight particles, e.g., less than 100 nm in diameter.

No. of Pages : 89 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : KIT COMPRISING A NASAL BUBBLE CIRCUIT FOR SUPPLYING OXYGEN TO PATIENTS DURING RESPIRATORY FAILURE.

(51) International classification	:A62B7/00; A62B7/06	(71)Name of Applicant : 1)DR. KINIKAR AARTI AVINASH
(31) Priority Document No	:NA	Address of Applicant :FLAT NO. 18, CONIFER BUILDING,
(32) Priority Date	:NA	GAIKWADNAGAR, AUNDH PUNE - 411007 Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor : 1)DR. KINIKAR AARTI AVINASH
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 nasal bubble continuous positive airway pressure (NB-CPAP) device comprising of a modified and improved indigenous nasal bubble CPAP circuit used for supplying oxygen during respiratory failures in patients having various medical conditions; said circuit comprises oxygen source, a liquid storage container, rubber and plastic connector tubing and a modified pediatric nasal cannula wherein; the central oxygen supply is attached to inhale tube of nasal prongs with other tube end close, rubber or plastic connector tubing cut such that, one end attached to exhale tube of nasal prongs and other end put on the liquid storage container immersed at required centimeter level giving respective water pressure. The invention has distinct economic advantages that the working is simple with low cost, thereby being suitable for the use in moderate level hospitals having limited ventilator facilities.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.488/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : FLOW METER ASSEMBLY, GATE ASSEMBLIES AND METHODS OF FLOW MEASUREMENT

(51) International classification	:G01F 1/66,E02B 13/02
(31) Priority Document No	:2009903893
(32) Priority Date	:18/08/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001052
Filing Date	:18/08/2010
(87) International Publication No	:WO/2011/020143
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)AUGHTON, DAVID JOHN

2)PEARSON, DAMIEN VERNON

(57) Abstract :

The present invention provides an acoustic flow meter assembly for pipes or open channels, said assembly including a frame with a predetermined geometry. The frame has at least one user accessible port adapted to receive an interchangeable cartridge which contains at least one acoustic transducer to measure fluid velocity through said frame. The invention also relates to vertical, lift and tilt lift gate assemblies for use in measuring fluid flows, methods of measuring fluid velocity in pipes and open channels characterised by the use of a delay circuit, fluid flow meters characterised by the use of redundant pairs of transducers, and a method of synchronisation of two transducers in a flow measuring apparatus for an open channel.

No. of Pages : 65 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.500/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR HEATING A WORKPIECE AND A CORRESPONDING TOOL

(51) International classification :B23K 37/04,H05B 6/02
(31) Priority Document No :20095863
(32) Priority Date :21/08/2009
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2010/050661
Filing Date :20/08/2010
(87) International Publication No :WO/2011/020952
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
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2)RISTO SALO

(57) Abstract :

A method and a corresponding tool for heating a metallic workpiece. In the method, the metallic piece is heated in a machine tool by attaching thereto an induction heating tool comprising a permanent magnet structure and by rotating and/or moving the metallic piece to be heated and the induction heating tool relative to each other at a suitable distance. In this case, heating eddy currents are induced in the piece, wherein the energy needed for heating is obtained from the motor of the machine tool.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.510/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BAR SOAP COMPOSITION WITH ENHANCED SENSORY PROPERTIES IN SOFT AND VERY SOFT WATER.

(51) International classification	:A61Q19/00; A61Q19/10	(71) Name of Applicant : 1)SERENA LINLEY SARL Address of Applicant :DOMAINE DE BOYERES, 84750 SAINT MARTIN DE CASTILLON, FRANCE.
(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)PHILIPPE LIZOP
Filing Date	:NA	2)MAUD GRASSET
(87) International Publication No	:N/A	3)VINEET MITAL
(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 predominantly soap based bar (e.g. about 50% to 85% by weight soap) specifically a toilet bar used for personal cleansing. In particular it relates to a toilet bar soap which has a specific formulation to take care of sensory attributes (e.g., skin hydration, skin softness, skin after-feel, rinsability & lather) during the washing process in soft and very soft water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.510/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GLAUCOMA DRAINAGE DEVICE WITH PUMP

(51) International classification	:A61F 9/007
(31) Priority Document No	:12/563,244
(32) Priority Date	:21/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/047612
Filing Date	:02/09/2010
(87) International Publication No	:WO/2011/034742
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)RICKARD, MATTHEW J.A.

(57) Abstract :

A glaucoma drainage device has a main drainage tube (2030) with a first end in an anterior chamber (3-40) of an eye and a second end in a drainage location (410). A bypass drainage tube (2040) is fluidly coupled to and in parallel with the main drainage tube. A pump (280) is in communication, with the bypass drainage tube. The pump comprises a first driver 82020) and a first flexible membrane (2025) enclosing a first chamber (2027). A first check valve (255) is located upstream from the pump, and a second check valve (260) is located downstream from the pump. An active valve (270) is located upstream from the first check valve. The active valve comprises a second driver (2010) and a second flexible membrane 2015 enclosing a second chamber 2017). A third check valve (250) is located between the active valve and the second end of the main drainage tube. A volume of the first chamber is changed to pump fluid from the anterior chamber.

No. of Pages : 45 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.469/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TERMINAL STATION APPARATUS, BASE STATION APPARATUS, TRANSMISSION METHOD AND CONTROL METHOD

(51) International classification	:H04J 99/00
(31) Priority Document No	:2009-229649
(32) Priority Date	:01/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005893
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/040034
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)OGAWA, YOSHIHIKO

2)NISHIO, AKIHIKO

3)IWAI, TAKASHI

4)NAKAO, SEIGO

5)IMAMURA, DAICHI

6)SUMASU, ATSUSHI

(57) Abstract :

A terminal apparatus is disclosed wherein even in a case of applying SU-MIMO and MU-MIMO at the same time, the inter-sequence interference in a plurality of pilot signals used by the same terminal can be suppressed to a low value, while the inter-sequence interference in pilot signal between terminals can be reduced. In this terminal apparatus (200): a pilot information deciding unit (204) decides, based on allocation control information, Walsh sequences of the respective ones of first and second stream groups at least one of which includes a plurality of streams; and a pilot signal generating unit (205) forms a transport signal by using the decided Walsh sequences to spread the streams included in the first and second stream groups. During this, Walsh sequences orthogonal to each other are established in the first and second stream groups, and users are allocated on a stream group-by-stream group basis.

No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.502/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF 2 -AMINO-2-METHYL-1-PROPANOL AS ADDITIVE IN AQUEOUS SUSPENSIONS OF CALCIUM CARBONATE COMPRISING MATERIALS

(51) International classification	:C09C 1/02
(31) Priority Document No	:09167246.9
(32) Priority Date	:05/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB10/053546
Filing Date	:05/08/2010
(87) International Publication No	:WO/2011/016003
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BURI, MATTHIAS
2)RENTSCH, SAMUEL
3)GANE, PATRICK, ARTHUR, CHARLES

(57) Abstract :

Use of 2-amino-2-methyl-1-propanol (AMP) as an additive in an aqueous suspension, containing from 25 to 62 vol. % of at least one calcium carbonate-comprising material and having a pH of between 8.5 and 11, to increase the suspension pH by at least 0.3 pH units, the AMP being added to said suspension in an amount of from 500 to 15000 mg per litre of the aqueous phase of the suspension, wherein the suspension conductivity change is maintained to within 100 μ S/cm/pH unit.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.503/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INHIBITORS OF COGNITIVE DECLINE

(51) International classification	:A01N 31/00
(31) Priority Document No	:61/230,326
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044136
Filing Date	:02/08/2010
(87) International Publication No	:WO/2011/014880
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)SUSAN CATALANO

(57) Abstract :

Compounds that are central nervous system drug candidates for the treatment of cognitive decline and, more particularly, Alzheimers disease are provided. Methods of treating, inhibiting, and/or abatement of cognitive decline and/or Alzheimers disease with a compound or pharmaceutically acceptable salt of the invention are also provided. Also provided are methods of preparing the compounds/compositions of the invention.

No. of Pages : 71 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.514/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUNSCREEN COSMETIC

(51) International classification	:A61K 8/88,A61K 8/06
(31) Priority Document No	:2009-218818
(32) Priority Date	:24/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065199
Filing Date	:06/09/2010
(87) International Publication No	:WO/2011/037000
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHISEIDO COMPANY, LTD.

Address of Applicant :5-5, GINZA 7-CHOME, CHUO-KU, TOKYO 1048010, JAPAN.

(72)Name of Inventor :

1)YAMAGUCHI KAZUHIRO

2)ISHIDA KAHORI

(57) Abstract :

Disclosed is a sunscreen cosmetic comprising (1) a UVA absorbent selected from one or more of diethylaminohydroxybenzoyl hexyl benzoate, 2,4-bis{[4-(2-ethylhexyloxy)-2-hydroxy]-phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine, 4-tert-butyl-4-methoxydibenzoylmethane, and 2-hydroxy-4-methoxybenzophenone and (2) spherical resin powder internally containing 41% or more of hydrophobized titanium oxide ultrafine particles. More specifically disclosed is a sunscreen cosmetic, comprising a UVA absorbent and titanium oxide ultrafine particles, which prevents staining due to the secondary adhesion thereof to clothes.

No. of Pages : 36 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.515/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AUTOMATIC CHANNEL SWITCHING

(51) International classification	:H04W4/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI-400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SINGH DHEERAJ
(61) Patent of Addition to Application Number	:NA	2)NARAYANAN GANAPATHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to method and systems for automatic switching of channels in a user device (110). The present subject matter includes determining occurrence of a primary switching event during reception of a current broadcast signal. Based on the determining, at least one broadcast signal from among a plurality of preferred broadcast signals is identified. The preferred broadcast signals are selected based in part on channel access pattern associated with a user. Further, a signal fingerprint of the at least one identified broadcast signal is compared with a plurality of reference signal fingerprints. Based on the comparison, a switching action is performed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INTRAOCULAR PRESSURE SENSOR WITH EXTERNAL PRESSURE COMPENSATION

(51) International classification	:A61B 3/16,A61M 27/00
(31) Priority Document No	:12/563,244
(32) Priority Date	:21/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US10/047429
Filing Date	:01/09/2010
(87) International Publication No	:WO/2011/034727
(61) 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, FORT WORTH, TEXAS 76134 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)RICKARD, MATTHEW J.A.

2)SANCHEZ, JR., ROBERT JOSEPH

(57) Abstract :

An intraocular pressure sensor system has a first pressure sensor located in an anterior chamber of an eye and a remote pressure sensor located remotely from the first pressure sensor. The remote pressure sensor measures or approximates atmospheric pressure. A difference between readings from the first pressure sensor and the remote pressure sensor approximates intraocular pressure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.517/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A DRAFT SENSING, SELECTING AND INDICATING SYSTEM FOR OFF-ROAD VEHICLE SUCH AS TRACTOR

(51) International classification	:A01B63/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD.
(32) Priority Date	:NA	Address of Applicant :GATEWAY BUILDING APOLLO
(33) Name of priority country	:NA	BUNDER, MUMBAI - 400001. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. KOTHARKAR VINOD CHIMANRAY
(87) International Publication No	:N/A	2)MR. LATTO PRAKASH KRISHNARAO
(61) Patent of Addition to Application Number	:NA	3)MR. GOMES MAXSON CASTER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to draft sensing and indicating system for off-road vehicles such as tractors to accurately sense draft, select and indicate best draft to the operator with the aid of tailored controller yet offer flexibility to select drafts from a wide range obviating mechanical linkages for draft sensing. The synergistic combination and configuration of the draft sensing assembly, draft setting system and valve block with the controller wherein the draft sensing and draft setting potentiometer governed by the microprocessor based controller work in tandem to provide signal to the solenoid so as to divert hydraulic flow to the cylinder to lift or lower the implement facilitates accurate sensing of the draft and enables the operator to set and select draft from the wide range resulting in obviating problems associated with damage of implement in varied field conditions and achieving consistent productivity.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.518/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SYSTEM FOR CONTROLLED OPERATION OF THREE POINT LINKAGE IN OFF-ROADVEHICLE SUCH AS TRACTOR

(51) International classification

:A01B
59/043

(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)MAHINDRA & MAHINDRA LTD.

Address of Applicant :GATEWAY BUILDING, APOLLO
BUNDER, MUMBAI - 400001. Maharashtra India

(72)Name of Inventor :

1)MR. KOTHARKAR VINOD CHIMANRAY

2)MR. LATTOO PRAKASH KRISHNARAO

3)MR. GOMES MAXSON CASTER

(57) Abstract :

The present invention relates to a hydraulic and electronic based power lifting system that enables desired controlled lifting or lowering of implement hitched to three point linkage of the tractor to an adjustable height, wherein the operator can pre-set the lifting height of the implement to any desired value, just enough to clear the ground. The synergistic hydraulic and electronic combination and configuration of the this quick-lift sub-assembly, valve block, cylinder assembled with the rockshaft and the control lever working in tandem with each other enables the operator to set and select extent of rotation of the rockshaft enabling quick implement lifting / lowering by desired extent just enough to clear ground in the field resulting in productivity / utilization enhancement of the off-road vehicle such as tractor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.521/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITION FOR INHIBITING GENE EXPRESSION AND USES THEREOF

(51) International classification :C12N 15/113
(31) Priority Document No :61/275,252
(32) Priority Date :27/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046781
Filing Date :26/08/2010
(87) International Publication No :WO/2011/031520
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IDERA PHARMACEUTICALS, INC.
Address of Applicant :167 SIDNEY STREET, CAMBRIDGE,
MA 02319 UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)AGRAWAL, SUDHIR
2)KANDIMALLA, EKAMBAR
3)PUTTA, MILLIKARJUNA
4)LAN, TAO
5)BHAGAT, LAKSHMI
6)WANG, DAQING
7)YU, DONG

(57) Abstract :

The inventors have examined the means for providing more efficacious gene expression blocking compounds. The inventors have discovered new structural features that surprisingly improve the efficacy of gene expression blocking molecules. These features include the presence of multiple 3 ends and a linker at the 5 ends. Surprisingly, these features improve the efficacy of the gene expression blocking compounds in a manner that decreases the compounds biologic instability. Even more surprisingly, this effect has been found to be applicable to both DNA and RNA oligonucleotide -based compounds and to have application in traditional antisense and RNAi technologies.

No. of Pages : 107 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.515/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PESTICIDAL MIXTURES

(51) International classification	:A01N 43/36
(31) Priority Document No	:09171614.2
(32) Priority Date	:29/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064100
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/039105
(61) 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)GEWEHR, MARKUS

2)HADEN, EGON

3)BRAHM, LUTZ

(57) Abstract :

The present invention relates to synergistic mixtures comprising, as active components, chlorfenapyr as insecticidal compound I and a fungicidal compound II selected from the group of azoxystrobin, coumethoxystrobin, coumoxystrobin, dimoxystrobin, enestroburin, fluoxastrobin, kresoxim-methyl, metominostrobin, orysastrobin, pico- xystrobin, pyraclostrobin, pyrametostrobin, pyraoxystrobin, pyribencarb, trifloxystrobin, 2-(ortho-((2,5-dimethylphenyl-oxymethylen)phenyl)-3-methoxy-acrylic acid methyl ester, 2-(2-(3-(2,6-dichlorophenyl)-1 -methyl-allylideneaminooxymethyl)-phenyl)-2- methoxyimino-N-methyl-acetamide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.516/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ENERGY EFFICIENT HYDRAULIC SYSTEM FOR EFFECTIVE ROUTING OF HYDRAULIC FLUID IN OFF-ROAD VEHICLE SUCH AS TRACTOR

(51) International classification	:E02F 9/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD
(32) Priority Date	:NA	Address of Applicant :GATEWAY BUILDING, APOLLO
(33) Name of priority country	:NA	BUNDER, MUMBAI - 400001. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. KOTHARKAR VINOD CHIMANRAY
(87) International Publication No	:N/A	2)MR. LATTO PRAKASH KRISHNARAO
(61) Patent of Addition to Application Number	:NA	3)MR. GOMES MAXSON CASTER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for effectively routing hydraulic fluid flow, controlled lowering of the implement using hydraulic system and obviating problems associated with leakages of hydraulic fluid inside the valve body, to enhance effectiveness and efficiency of the hydraulic system and thereby performance of the off-road vehicle such as tractor. The system comprises a valve block assembly, a microprocessor based controller, a double acting cylinder configured with a check valve and pilot piston valve, wherein said valve block assembly comprises of position control and draft control solenoid valve those are electronically configured with the said controller and hydraulically configured with a hitch pump and a steering pump.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.524/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :16/03/2009

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD AND AN APPARATUS FOR A COMMUNICATION SESSION

(51) International classification :H04L 29/06
(31) Priority Document No :60/592, 470
(32) Priority Date :30/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/027069
Filing Date :29/07/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :142/MUMNP/2007
Filed on :31/01/2007

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive San Diego
California 92121-1714 UNITED STATES OF AMERICA.
(72)Name of Inventor :
1)LIOY Marcello
2)WANG Jun
3)SHIROTA Masakazu
4)HSU Raymond Tah-Sheng
5)VEEREPALLI Sivaramakrishna

(57) Abstract :

A communication session between a node seeking network access and a NAS (Network Access Server) is established by having only few exchanges of messages. Upon detecting a physical link between the node and the NAS, the NAS immediately sends an authentication request message to the node. In response, the node sends a request message which includes all parameters options, in addition to responding to the authentication request message, for link configuration and network access control. The NAS then picks and chooses the parameter options and sends back the selected options in a reply message to the node. If the selected options in the reply message meet a threshold, the node straightforwardly transmits user data for network access via the NAS.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FLUID DISINFECTION DEVICE AND METHOD

(51) International classification	:A61L 9/04
(31) Priority Document No	:61/423,931
(32) Priority Date	:16/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/063637
Filing Date	:07/12/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ADVANCED TECHNOLOGIES & TESTING LABORATORIES INC
Address of Applicant :3802 SPECTRUM BLVD SUITE 143
TAMPA, FLORIDA 33612 U.S.A.
(72)**Name of Inventor :**
1)GOSWAMI, DILIP

(57) Abstract :

A system for disinfecting a fluid containing contaminants (chemical and biological) includes a plurality of photocatalytic particles secured to a substrate which contacts the fluid to be disinfected. An agitator for imparting translation and/or vibrational movement is in operational communication with the substrate to increase the contact of photocatalytic particles with contaminants in the fluid. The system can include a source of photons having a wavelength corresponding to band gap energy of the photocatalytic particles to illuminate the substrate. Although the invention can be used to disinfect air in air supply registers of a heating, ventilating and air conditioning system, or in air ducts, the disinfection of any fluid (including water) is contemplated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.511/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR PREPARATION OF ILOPERIDONE AND AMORPHOUS CO-PRECIPITABLE OF ILOPERIDONE WITH PHARMACEUTICALLY ACCEPTABLE EXCIPIENT

(51) International classification	:C07D261/20; C07D413/04	(71) Name of Applicant : 1)MEGAFINE PHARMA (P) LTD. Address of Applicant :4TH FLOOR, SETHNA, 55, MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI - 400 002, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MATHAD VIJAYAVITTHAL THIPPANNACHAR
(87) International Publication No	:N/A	2)SOLANKI PAVANKUMAR VRAJLAL
(61) Patent of Addition to Application Number	:NA	3)PANDIT BHUSHAN SUDHAKAR
Filing Date	:NA	4)UPPELLI SEKHAR BABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of iloperidone wherein 1-(4-(3-chloropropoxy-3-methoxyphenyl)ethanone is reacted with 6-fluoro-3-piperidin-4-yl-1,2 benzisoxazole hydrochloride in a biphasic solvent system in presence of an inorganic base and a phase transfer catalyst. Further, process for preparation of an amorphous co-precipitate of iloperidone or its acid addition salt along with pharmaceutically acceptable excipient is proposed. Further, the present invention also relates to a co-precipitate of amorphous form of iloperidone along with pharmaceutically acceptable excipients.

No. of Pages : 41 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.519/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRACKING THE PROBABILITY FOR IMMINENT HYPOGLYCEMIA IN DIABETES FROM SELF-MONITORING BLOOD GLUCOSE (SMBG) DATA

(51) International classification	:G01N 33/48
(31) Priority Document No	:61/239,291
(32) Priority Date	:02/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047711
Filing Date	:02/09/2010
(87) International Publication No	:WO/2011/028925
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITY OF VIRGINIA PATENT FOUNDATION
Address of Applicant :250 WEST MAIN STREET, SUITE 300, CHARLOTTESVILLE, VA 22902 UNITED STATES OF AMERICA.

(72)**Name of Inventor :**
1)KOVATCHEV, BORIS, P.
2)BRETON, MARC, D.

(57) Abstract :

A method, system and related computer program product for tracking the probability of hypoglycemia from routine self-monitoring of blood glucose (SMBG) data in patients with diabetes. A specific bivariate probability distribution of low BG events based jointly on the Low BG Index (LBGI) and the Average Daily Risk Range (ADRR) is used to predict hypoglycemia probability of occurrence from inputted SMBG data. The SMBG data is retrieved from a series of SMBG data of a patient available from the patients glucose meter and allows tracking of the probability for future hypoglycemia over a predetermined duration, e.g. a 24 or 48 hour period. The tracking includes presentation of visual and/or numerical output, as well as construction of hypoglycemia risk trajectories that would enable warning messages for crossing of predefined thresholds, such as 50% likelihood for upcoming hypoglycemia below 50mg/dl.

No. of Pages : 58 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.526/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : STRUCTURAL, ELECTRICAL AND DIELECTRIC PROPERTIES OF ZN SUBSTITUTED PBTIO3 CERAMICS

(51) International classification

:N/A

(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. VIJAY JANARDHAN FULARI

Address of Applicant :HOLOGRAPHY AND MATERIALS

RESEARCH LABORATORY, DEPARTMENT OF PHYSICS,

SHIVAJI UNIVERSITY, KOLHAPUR 416 004. Maharashtra

India

(72)Name of Inventor :

1)DR. VIJAY JANARDHAN FULARI

2)MR. SHIRISH DATTARAM KAMAT

3)N/A

4)MR. SATISH ANNA GANGAWANE

(57) Abstract :

NOT SUBMITTED

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.527/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ELECTRICAL CONTACT SYSTEM HAVING SHORT CIRCUIT CURRENT WITHSTANDING CAPABILITY

(51) International classification	:H01H73/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LARSEN & TOUBRO LIMITED
Address of Applicant :L & T House Ballard Estate Mumbai
400 001 State of Maharashtra India.
(72)**Name of Inventor :**
1)DATTATRAY Gaikwad Shirish;

(57) Abstract :

The present invention relates to an electrical contact system comprises pair stationary contact means and moving contact means (5). The moving contact means (5) is proximally located in between the stationary contact means, which are operatively surrounding the moving contacts means (5) wholly or partially. The stationary contact means comprises a substantially U shaped modular profile located almost at the middle of said stationary contact means having parallel portions I and parallel portions II such that the parallel portions I are operatively located substantially above the moving contact means (5) and the parallel portions II are operatively located substantially below the moving contact means (5). The portion I and portion II having an appropriate longitudinal relationship and are substantially symmetrically located on both sides of the moving contact means such that current direction in the parallel portions I and parallel portions II is opposite to the moving contact means (5) thereby preventing opening of the moving contact means (5) when high current flows through the system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.511/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CATALYTIC DOMAINS FROM LYSYL OXIDASE AND LOXL2

(51) International classification :C07K 14/435

(31) Priority Document No :61/235,776

(32) Priority Date :21/08/2009

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

(86) International Application No :PCT/US2010/046192

Filing Date :20/08/2010

(87) International Publication No :WO/2011/022667

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GILEAD BIOLOGICS, INC.

Address of Applicant :333 LAKESIDE DRIVE FOSTER CITY, CA 94404 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)MCCAULEY, SCOTT

2)SMITH, VICTORIA

(57) Abstract :

Disclosed herein are amino acid sequences, and encoding nucleotide sequences, of isolated catalytic domains of the LOX and LOXL2 proteins from human and mouse. Methods for the preparation and use of these isolated catalytic domains are also provided.

No. of Pages : 67 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.512/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : RADIO BASE STATION AND HANDOVER INSTRUCTING METHOD

(51) International classification	:H04W 36/32
(31) Priority Document No	:2009-224470
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005740
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/039976
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN.

(72)Name of Inventor :

1)SATO, TETSURO

(57) Abstract :

A radio base station wherein when UE connected to an LTE access network performs a CS Fallback, the time required for the CS Fallback can be reduced. An eNB (100), which moves in a cell providing a first service and further covers a cell providing a second service different from the first service, gives UE, which is currently connected to the eNB, an instruction of handover to the cell providing the first service. In the eNB: a terminal position predicting unit (103) predicts, based on the position, moving speed or traveling direction of the UE, a position of the UE at the handover timing; a determining unit (105) determines, based on the position of the UE at the handover timing, a handover destination of the UE from among a plurality of cells providing the first services; and an instructing unit (106) transmits, to the UE, a handover instruction that is an instruction of handover to the cell of the handover destination.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.513/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : PORTABLE BANKING APPARATUS

(51) International classification	:G06Q40/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FORBES TECHNOSYS LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO C-17/18, ROAD NO. 16,
(33) Name of priority country	:NA	WAGLE INDUSTRIAL ESTATE, THANE-400604 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)AJAY SINGH
(61) Patent of Addition to Application Number	:NA	2)FEROZE KATILA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

PORTOBANKER is a cost-effective, portable and scalable device that can deliver an array of banking, finance and commerce services, all from a single platform. Additional services can be easily added, based on specific requirements of the service provider and/or the consumer. This device meets all financial security standards like two factor authentication, biometric plus smart cards based access, secure communication to core banking system through the financial switch and many more. The device is also compliant with all the IBA/UIDAI guidelines that have been published. The device is made with state of the art hardware technology, has a Solar charged battery backup and can function in online/offline modes, thus making it an ideal platform for the rural markets.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.520/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMBINATION VACCINES AGAINST RESPIRATORY TRACT DISEASES

(51) International classification :A61K 39/145
(31) Priority Document No :61/241,264
(32) Priority Date :10/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/002401
Filing Date :10/09/2010
(87) International Publication No :WO/2011/030218
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :LICHSTRASSE, CH-4056 BASEL
SWITZERLAND.
(72)**Name of Inventor :**
1)RAPPUOLI, RINO
2)CLEMENS, RALF

(57) Abstract :

Influenza, pneumococcus and/or RSV vaccines are administered as a combination vaccine while retaining immunogenic efficacy. This combination simplifies immunisation against these two lower respiratory tract infections. The pneumococcal vaccine ideally includes at least one pneumococcal polypeptide.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.529/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A HYDRAULIC JACK SYSTEM FOR PROVIDING VARIABLE MECHANICAL ADVANTAGE TO AN OPERATOR

(51) International classification	:E02F9/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1005/MUM/2010
Filed on	:31/03/2010

(71)Name of Applicant :

1)CROMPTON GREAVES LIMITED

Address of Applicant :CG HOUSE, DR ANNIE BESANT
ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)KHEDKAR PARAG PRABHAKAR

(57) Abstract :

A hydraulic jack system 200 that provides the benefit of variable mechanical advantage to an operator during operation is disclosed in the several embodiments of this disclosure. The system includes a jack assembly 202 having a jack piston 204 disposed within a jack cylinder 206. The jack assembly 202 is connected to an oil reservoir 208 through a manually operated control valve 210. A pump 212 is connected to the oil reservoir 208 through a withdrawing conduit 224 for receiving oil when the pump 212 exerts a suction stroke and the pump 212 is connected to the jack cylinder 206 through a dispensing conduit 226 for dispensing the received oil within the jack cylinder 206 when the pump 212 exerts a compression stroke. A lever 246 is pivotally engaged within a slot 244 of a support structure 242 and positioned at an end of the slot 244 formed within the support structure 242 the lever 246 is angularly displaceable along a vertical plane to allow the pump 212 to exert the suction and compression stroke. The pivotable end 248 of the lever 246 is capable of being slidably movable to an opposite end of the slot 244. An additional piston-cylinder arrangement 230 is securely held within a jack frame and connected between the jack cylinder 206 and the pump 212 through corresponding conduits 232, free end of the piston 234 having a flange member 240 fixedly connected to the pivotable end 248 of the lever 246.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.525/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A POWER SUPPLY SYSTEM AND AN ALTERNATOR FOR CHARGING BATTERY

(51) International classification	:H02K19/36; H02P9/00	(71)Name of Applicant : 1)M. SHRIDHAR NAIDU
(31) Priority Document No	:NA	Address of Applicant :A4/ 601, GANGA SATELLITE
(32) Priority Date	:NA	WANOWARLE, PUNE 411040 Maharashtra India.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)M. SHRIDHAR NAIDU
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 system for charging battery. The system depending upon the inputs received from the first shunt and the second shunt, the speed controller along with the governor controls the speed of alternator thereby controlling the electricity generated and optimizing the usage of fuel by the engine. The system comprises a three phase alternator for generating electricity. The alternator can replace flywheel which reduces power consumption. The alternator also has inbuilt impeller for circulating air for cooling thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.525/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIO-BASED WAX COMPOSITIONS AND APPLICATIONS

(51) International classification :C10L 5/44
(31) Priority Document No :61/238,940
(32) Priority Date :01/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US10/047437
Filing Date :01/09/2010
(87) International Publication No :WO/2011/028744
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GALATA CHEMICALS, LLC
Address of Applicant :464 HERITAGE ROAD,
SOUTHBURY, CT 06488 UNITED STATES OF AMERICA.
(72)Name of Inventor :
1)CLOCK, ANDREW J.
2)MCKEOWN, STEVEN
3)WISNEFSKY, ERIC
4)FRENKEL, PETER

(57) Abstract :

Bio-based wax compositions contain at least one of the following components: epoxides of non-hydro genated vegetable oils, epoxides of fatty acid esters, epoxides of tall oil fatty acid esters, chemically modified epoxides of non-hydrogenated vegetable oils, chemically modified epoxides of fatty acid esters, and chemically modified epoxides of tall oil fatty acid esters. The wax compositions can be used to produce candle sticks, container candles and/or composite materials.

No. of Pages : 19 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.533/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSMISSION SHAFT FOR MOVING CONTACT IN LOW VOLTAGE SWITCHGEAR

(51) International classification	:H01H31/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of Maharashtra India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATIL Rohit Naresh;
(87) International Publication No	: NA	2)THAKUR Pankaj Dattatraya;
(61) Patent of Addition to Application Number	:NA	3)FEGADE Pramod L.;
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an electric pole assembly for use in switching devices composing a cassette means comprising a pair of identical housing; a rotor assembly secured inside said housing. The rotor assembly comprises a pair of moving contact means (2) adapted to make said switch device on and off ; a fixed contact; a rotor means (1)substantially holding said moving contact means(2); a cladding means (3)substantially having a C-shaped modular profile operatively connected with said moving (2) contact means ; an energy storing element (4) operatively connected with said moving contact means; a projection means(5) substantially projecting from said rotor(1) ; a cavity means (6)substantially located on said rotor (1)adapted to engage with said projection of another rotor for interlocking. The present invention also relates to a transmission shaft arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.533/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LOW VOLATILE AMINE SALTS OF ANIONIC PESTICIDES

(51) International classification	:A01N 37/40	(71) Name of Applicant :
(31) Priority Document No	:61/247005	1)BASF SE
(32) Priority Date	:30/09/2009	Address of Applicant :67056 LUDWIGSHAFEN
(33) Name of priority country	:U.S.A.	GERMANY.
(86) International Application No	:PCT/EP10/064343	(72) Name of Inventor :
Filing Date	:28/09/2010	1)XU, WEN
(87) International Publication No	:WO/2011/039172	2)KIERKUS, PAUL CH.
(61) Patent of Addition to Application Number	:NA	3)BRUNT, STEVEN
Filing Date	:NA	4)BOWE, STEVEN
(62) Divisional to Application Number	:NA	5)HIXON, ADAM
Filing Date	:NA	6)CANNAN, TERRANCE M.

(57) Abstract :

The present invention relates to a salt comprising an anionic pesticide and a cationic polyamine of the formula (A) or (B) as described in the description. The invention further relates to an agrochemical composition comprising said salt. It also relates to a method for preparing said salt comprising combining the pesticide in its neutral form or as salt, and the polyamine in its neutral form or as salt. In addition, the invention relates to a method of combating harmful insects and/or phytopathogenic fungi. It also relates to a method of controlling undesired vegetation. Finally, the invention relates to seed comprising said salt.

No. of Pages : 75 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.534/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A THERMOPLASTIC COMPONENT FOR SWITCHGEARS AND A METHOD OF MANUFACTURING THERMOPLASTIC COMPONENTS

(51) International classification :H01B3/30,H01H9/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LARSEN & TOUBRO LIMITED
Address of Applicant :L & T House Ballard Estate Mumbai
400 001 State of Maharashtra India.
(72)**Name of Inventor :**
1)VAIRAGI Prashant B.;
2)MAJUMDAR Vikas M.;

(57) Abstract :

The various embodiments of the present invention provide a thermoplastic material to a preset level to avoid melting during an application of normal operating pressure and at normal operating temperature. The present inventions also provide a method of manufacture of thermoplastic components for switch gears. The method includes molding a thermoplastic component to a preset level using a thermal injection molding process and placing the molded thermoplastic component in a carton. The method further includes passing the carton through an irradiation chamber to provide an exposure to gamma radiation or electron beam radiation for cross linking one or more thermoplastic components.

No. of Pages : 25 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.537/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : THIN FILM DEPOSITION APPARATUS AND METHOD FOR THE SAME

(51) International classification :C23C 16/513

(31) Priority Document No :2003514

(32) Priority Date :18/09/2009

(33) Name of priority country :Netherlands

(86) International Application No :PCT/NL2010/050604

Filing Date :17/09/2010

(87) International Publication No :WO/2011/034429

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OTB SOLAR B.V.

Address of Applicant :LUCHTHAVENWEG 10 5657 EB
EINDHOVEN THE NETHERLANDS.

(72)Name of Inventor :

1)VAN GERWEN, BJORN

2)BOSCH, ROLAND CORNELIS MARIA

3)DINGS, FRANCISCUS CORNELIUS

(57) Abstract :

Method for depositing a thin film comprising: - providing an expanding thermal plasma plume (116), including at least one chemical component to be deposited; - designating a first (130a) and a second (130c) deposition zone within the plasma plume, such that the first and second deposition zones have a mutually different relative content of the chemical component; - providing a substrate (120), and transporting said substrate through the plasma plume along a substrate transport path (126) having a substrate transport path direction (T); and - providing a mask (128) that is at least partly disposed in the plasma plume and that shields a portion of the substrate transport path from being deposited on, wherein said shielded portion of the substrate transport path extends in the direction of the substrate transport path and bridges at least the first deposition zone, while it starts or terminates in the second deposition zone.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.538/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED DRAW-OUT MECHANISM FOR CIRCUIT BREAKERS AND SWITCHBOARDS

(51) International classification	:H02B11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(33) Name of priority country	:NA	400 001 State of Maharashtra India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RANGARAJU Dhanabal;
(87) International Publication No	: NA	2)RAMASAMY Saminathan;
(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 draw-out mechanism for circuit breakers and/or switchboards. In the mechanism, plurality of plate means (8) securing said circuit breaker (3) on its both sides such that the circuit breaker (3) is movable on the plate means (8). A shaft means (14) is operatively engaged to the rail means (13). A bracket arrangement (4) is tightly engaged to the circuit breaker (3) and is fitted to the rail means (13) so as to move the circuit breaker (3) during draw-out operation. Plurality of link means (12) adapted to provide operative linkage between the rails (13) and the shaft means (14) such that rotational movement of the shaft means (14) provides corresponding linear movement of the rail means (13).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.538/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AMINOQUINAZOLINE COMPOUNDS FOR COMBATING INVERTEBRATE PESTS

		(71)Name of Applicant :
		1)BASF SE
		Address of Applicant :67056 LUDWIGSHAFEN GERMANY.
		(72)Name of Inventor :
		1)GROB, STEFFEN
		2)POHLMAN, MATTHIAS
		3)NARINE, ARUN
		4)ROSENBAUM, CLAUDIA
		5)DESHMUKH, PRASHANT
		6)DICKHAUT, JOACHIM
		7)BANDUR, NINA GERTRUD
		8)KORBER, KARSTEN
		9)KAISER, FLORIAN
		10)VON DEYN, WOLFGANG
		11)LANGEWALD, JURGEN
		12)CULBERTSON, DEBORAH L.
		13)EBUENGA, CECILLE
(51) International classification	:C07D 239/94	
(31) Priority Document No	:61/245,322	
(32) Priority Date	:24/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/EP2010/063502	
Filing Date	:15/09/2010	
(87) International Publication No	:WO/2011/036074	
(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 aminoquinazoline compounds or the enantiomers or veterinarily acceptable salts thereof which are useful for combating or controlling invertebrate pests, in particular arthropod pests and nematodes. The invention also relates to methods for controlling invertebrate pests by using these compounds and to plant propagation material and to agricultural and veterinary compositions comprising said compounds. Formula (I) wherein A1, A2, A3, A4, R1, R2, R3, R4, R5a, R5b, R5c, R5d and p are defined as in the description.

No. of Pages : 149 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.539/MUM/2011 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR ASYMMETRIC REDUCTION

(51) International classification :C07B53/00,C07C29/143
(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 :
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Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C.,
BHOSARI, PUNE-411026, Maharashtra India.
(72)Name of Inventor :
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2)MAIKAP GOLAKCHANDRA SUDARSHAN
3)MAHALE RAJENDRA DAGESING
4)CHASKAR SUDHIR PANDITRAO
5)PATIL KIRAN EKANATH
6)MEHTA SAMIT SATISH

(57) Abstract :

The present invention provides a convenient and cost-effective process for preparation of chiral intermediates through asymmetric reduction of ketones. The process comprises reaction of achiral ketone with the reagent prepared from sodium borohydride, N,N-diethylaniline hydrochloride, and optically active α , α -diphenyl-2-pyrrolidinyl methanol. The chiral intermediates so prepared possess high enantiomeric purity and are used as intermediates in synthesis of active pharmaceutical ingredients such as Dapoxetine, Fluoxetine, Atomoxetine, Duloxetine, and Rivastigmine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.528/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVED PROCESS FOR PREPARATION OF CANDESARTAN CILEXETIL

(51) International classification	:C07D403/00
(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 :**
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ESTATE, OFF. S. V. ROAD, JOGESHWARI (W), MUMBAI -
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(72) **Name of Inventor :**
1) DR. AJIT MADHUKAR BHOBE
2) DR. JAGANNATH BHAGAWANRAO LAMTURE
3) DR. YASHBIR SINGH
4) MR. BABULAL PATEL
5) MR. TARAKKUMAR S. PAWAR

(57) Abstract :

The invention relates to an improved process for the preparation of candesartan cilexetil, particularly the deprotection of trityl candesartan cilexetil to obtain Candesartan cilexetil.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.534/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HANDHELD LOW-LEVEL LASER THERAPY APPARATUS

(51) International classification	:A61N 5/06
(31) Priority Document No	:12/534,878
(32) Priority Date	:04/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000584
Filing Date	:22/07/2010
(87) International Publication No	:WO/2011/016020
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICHAEL SCHLOSSER

Address of Applicant :51 SHEERIT HAPLEITA STREET,
34987 HAIFA, ISRAEL.

(72)Name of Inventor :

1)YONATAN GERLITZ

(57) Abstract :

A laser therapy device, including: a laser diode that is adapted to produce a monochromatic laser beam; a lens that is adapted to receive the beam directly from the laser diode and exploit the natural divergence of the laser diode to form an essentially coherent monochromatic, collimated beam; wherein the formed beam is adapted to form on a plane perpendicular to the direction of propagation of the beam an elongated illuminated area in which the length of the illuminated area is at least twice the size of the width of the illuminated area; a controller that is adapted to control activation of the laser diode; an encasement enclosing the laser diode, the lens and the controller; wherein the encasement is adapted to be hand held by the user.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.535/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CRANKCASE HEATER SYSTEMS AND METHODS FOR VARIABLE SPEED COMPRESSORS

(51) International classification	:F25B 1/04,F04B 49/06
(31) Priority Document No	:61/245,394
(32) Priority Date	:24/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050109
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/038176
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1675 W. CAMPBELL ROAD
SIDNEY, OHIO 45365 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)MCSWEENEY, DANIEL L.

2)GREEN, CHARLES E.

3)SEIBEL, STEPHEN M.

(57) Abstract :

A system includes a compressor having a shell housing a compression mechanism driven by an electric motor in an on state and not driven by the electric motor in an off state. The system also includes a variable frequency drive that drives the electric motor in the on state by varying a frequency of a voltage delivered to the electric motor and that supplies electric current to a stator of the electric motor in the off state to heat the compressor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.536/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTRONIC BLANK AMMUNITION

(51) International classification :F41A 33/02

(31) Priority Document No :2009 3112

(32) Priority Date :08/10/2009

(33) Name of priority country :Norway

(86) International Application No :PCT/NO2010/000357

Filing Date :08/10/2010

(87) International Publication No :WO/2011/043673

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NIMTEC AS

Address of Applicant :SVERDRUPSGT. 4, N-3717, SKIEN,
NORWAY.

(72)Name of Inventor :

1)BOTTEN, STEFFEN

(57) Abstract :

The present invention relates to a system for electronic simulation of live ammunition when firing a small arms, comprising: - a magazine (1, 25, 50) to be inserted in a magazine funnel of the arms simulating a live ammunition magazine; - a trigger module (2, 26, 51) to be mounted on the arms, the trigger module comprising a trigger actuator (3, 27, 53, 95) for mounting on a trigger of the arms and a safety catch actuator (4, 28, 54, 97, 98, 99) for mounting on a safety catch on the arms; and - a sound producing device for simulation of shots. The invention replaces ordinary blank ammunition in the magazine with an electronic solution.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.543/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD OF PREPARATION OF AN ORAL SOLID DOSAGE FORM CONTAINING AN INSOLUBLE 5-ALPHA-REDUCTASE INHIBITOR AND PHARMACEUTICAL PREPARATIONS CONTAINING THEREOF

(51) International classification	:A61K8/97; A61Q17/00	(71)Name of Applicant : 1)TITAN LABORATORIES PVT. LTD. Address of Applicant :TITAN LABORATORIES PVT. LTD. 102 TITAN HOUSE, M.P. VAIDYA MARG, 60 FEET ROAD, GHATKOPAR-EAST, MUMBAI-400 077 MAHARASHTRA INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. PIYUSH B. SHAH
(61) Patent of Addition to Application Number	:NA	2)MRS. SAMPADA H. TUPE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of preparation of an instant release oral solid dosage form of an insoluble 5 α -reductase inhibitor and pharmaceutical preparations containing thereof particularly in the form of drug coated non pareil seeds or pellets or beads comprising the active.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.544/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BRAKE DISC THICKNESS VARIATION AND RUN-OUT MEASUREMENT SYSTEM

(51) International classification	:G01G23/01	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTERS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, HUTATMA CHOWK, MUMBAI 400 001,
(86) International Application No	:NA	Maharashtra India.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)DATTATRAYA S KAD
(61) Patent of Addition to Application Number	:NA	2)MR. SOMANATHAN M
Filing Date	:NA	3)PRAMOD P KULKARNI
(62) Divisional to Application Number	:NA	4)BADAL G BISEN
Filing Date	:NA	

(57) Abstract :

A brake disc thickness variation and run-out measurement system comprising means to measure the displacement using a displacement measuring device of brake rotor / disc surface with respect to a positive physical contact point established on the opposite surface to the measuring surface on a brake rotor, where the brake rotor is free to rotate on its mounting axis, an arm on which a C shaped block is attached, a contact pin fitted on one lug of C shaped block, whereas a provision for said displacement measuring device fitment is provided on the other lug of said C shaped block and the other end of the said arm is left open, the open end of the said arm is fitted to a plate, said arm can swivel upon the fitted point on the said plate, the swiveling of said arm is against a spring load, a lock arrangement to arrest said swiveling of said arm whenever necessary.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.539/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MULTIPLEXED BIOMETRIC IMAGING AND DUAL-IMAGER BIOMETRIC SENSOR

(51) International classification	:G06K 9/00,G06K 9/20
(31) Priority Document No	:61/237,189
(32) Priority Date	:26/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046852
Filing Date	:01/01/1900
(87) International Publication No	:WO2011/028620
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LUMIDIGM, INC.
Address of Applicant :801 UNIVERSITY BLVD SE, SUITE 302 ALBUGUERQUE, NEW MEXICO 87106, UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)MARTIN, RYAN
2)ROWE, ROBERT, K.
3)CORCORAN, STEVE, P.
4)ROGERS, GARY

(57) Abstract :

Some embodiments disclose systems and methods for a multiplexed multispectral imaging, object discrimination, background discrimination, and/or object identification. In some embodiments, a multispectral sensor is provided that includes at least two illumination sources and an imager with a color filter array. The two illumination sources can illuminate a platen with light having distinct illumination angles and distinct characteristics. The color filter array, which may be integral with the imager or separate therefrom, can filter light based on specific distinctions between the two illumination sources. A single image of an object at the platen can be acquired. Individual pixels of the image will then be highly associated with one or the other illumination source. Because of the filtering by the color filter array, this image will include information about the illumination angle. Some embodiments disclose a dual-imager biometric sensor. The two imagers may include a direct imager and a TIR imager.

No. of Pages : 69 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(21) Application No.545/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENGINEERING PARTICLE SIZE DISTRIBUTIONS FOR ENHANCED GLASS INFILTRATION IN POROUS CERAMIC PREFORMS FOR DENTAL CROWNS AND BRIDGES

(51) International classification	:A61C13/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI MUMBAI - 400 076
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)PARAG BHARGAVA
(61) Patent of Addition to Application Number	:NA	2)PREETI BAJPAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the processing of dental ceramic crowns and bridges which are to be placed in a patients oral cavity to replace damaged or missing teeth. To prepare the framework structure of dental crown or bridge, ceramic powder blends are infiltrated with glass. The process involves fabrication of porous ceramic performs using engineered particle size distribution. The particle size distributions result in a characteristic pore size distribution which facilitates infiltration of glass in the presintered porous bodies in shortest possible time. Thereby getting a dental ceramic product with enhanced fracture toughness and strength.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.545/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEEPWELL PLATE SYSTEM WITH LID

(51) International classification	:B01L 3/00,C12M 1/00
(31) Priority Document No	:09011408.3
(32) Priority Date	:05/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/005009
Filing Date	:14/08/2010
(87) International Publication No	:WO/2011/026559
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LONZA BIOLOGICS PLC

Address of Applicant :228-230 BATH ROAD, SLOUGH SL1 4DX UNITED KINGDOM.

(72)Name of Inventor :

1)STETTLER, MATT

2)HAINES, ADRIAN

(57) Abstract :

The present invention relates to a deepwell plate system, comprising a deepwell plate and a lid system which can be detachably fitted to the deepwell plate by snap- or clamp-fastening means so as to tightly seal the deepwell plate and to a method for the cultivation of cells within the deepwell plate system according to the present invention.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.546/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING TRANSIENTLY SURVIVING CTL

(51) International classification :A61K 35/28
(31) Priority Document No :2009-188251
(32) Priority Date :17/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063181
Filing Date :04/08/2010
(87) International Publication No :WO/2011/021503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THE UNIVERSITY OF TOKYO
Address of Applicant :3-1, HONGO 7-CHOME, BUNKYO-KU, TOKYO 1138654, JAPAN.
(72)Name of Inventor :
1)YAMASHITA, NAOHIDE
2)NAGAYAMA, HITOMI
3)FUJITA, SHIGEHARU

(57) Abstract :

Disclosed are transplantation cells for an immunotherapy, which are applicable to a wider variety of patients compared to conventional transplantation cells for immunotherapies, and which can survive transiently so that severe GVH disease cannot be induced. Specifically disclosed is a pharmaceutical composition containing cells derived from human hematopoietic stem cells. In the pharmaceutical composition, the genetic locus of at least one human HLA class I molecule in the cells contains at least one antigen for which the type of matching of the cell is identical to that of a patient. The genetic locus of each of the human HLA class I and II molecules in the cells contains at least one antigen for which the type of matching of the cell is not identical to that of a patient, and the cells derived from the hematopoietic stem cells do not cause acute GVH disease having a severity of level III or IV in the body of a patient even when the cells survive in the patient permanently.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.552/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : A NOVEL LIQUID RECTAL SPRAY DOSAGE FORM COMPRISING BISCODYL

(51) International classification	:A61K47/48; A61K9/00	(71)Name of Applicant : 1)LINCOLN PHARMACEUTICALS LIMITED Address of Applicant :LINCOLN HOUSE, SCIENCE CITY ROAD, SOLA, AHMEDABAD - 380 060. GUJARAT, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)PATEL RAJNIKANT GULABDAS
(33) Name of priority country	:NA	2)PATEL JIGAR HASMUKHABHAI
(86) International Application No	:NA	3)NAIK SHARDUL ARUNKUMAR
Filing Date	:NA	4)PANDYA NILAY BHARTENDU
(87) International Publication No	:N/A	5)PATEL HIREN MANHARBHAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a high concentrated liquid rectal spray composition comprising Bisacodyl and its pharmaceutically acceptable salts in unique blend of solvent, mucoadhesive polymers and preservatives; along with pharmaceutically acceptable excipients, useful for the treatment of constipation and bowel evacuation before investigational procedures or surgery. Also the invention discloses a process for preparation of said composition.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.553/MUM/2011 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL CONCENTRATED LIQUID ORAL SPRAY DOSAGE FORM CONTAINING ANTI-ALLERGIC., COUGH SUPPRESSANT AND NASAL DECONGESTANT COMBINATIONS

(51) International classification	:A61K36/00; A61P37/08	(71)Name of Applicant : 1)LINCOLN PHARMACEUTICALS LIMITED Address of Applicant :LINCOLN HOUSE, SCIENCE CITY ROAD, SOLA, AHMEDABAD - 380060, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATEL RAJNIKANT GULABDAS
(87) International Publication No	:N/A	2)PATEL JIGAR HASMUKHABHAI
(61) Patent of Addition to Application Number	:NA	3)NAIK SHARDUL ARUNKUMAR
Filing Date	:NA	4)PANDYA NILAY BHARTENDU
(62) Divisional to Application Number	:NA	5)PATEL HIREN MANHARBHAI
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a liquid oral spray composition comprising combination of antiallergic, cough suppressant and nasal decongestant useful for management of dry or non-productive cough, cough associated with viral or bacterial inflammation of upper respiratory tract, sinusitis, laryngitis, tracheitis and pharyngitis. Also disclosed herein is a spray dispenser that delivers the said composition in the form of fine droplets for easy delivery even to the paediatrics.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : TERMINATION PITCH ADJUSTABLE TRANSMISSION SHAFT ASSEMBLY FOR MOVING CONTACT IN LV SWITCHGEAR PRODUCTS

(51) International classification	:H01H31/02; H01R4/50	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of Maharashtra India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATIL Rohit Naresh;
(87) International Publication No	: NA	2)THAKUR Pankaj Dattatraya;
(61) Patent of Addition to Application Number	:NA	3)FEGADE Pramod L
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a termination pitch adjustable transmission shaft assembly for moving contact in lv switchgear products. The assembly comprises a cassette means, plurality of rotor means (1) and coupler means (13). The rotor means (1) comprises a male feature (5) and a female feature (6) adapted to be operatively engaged with an identical or substantially identical female feature (6) and male feature (5) of another rotor means respectively so as to form transmission shaft means of a switch. The coupler means (13) comprises a male feature (5) and a female feature (6) adapted to be operatively engaged with proximate pole means such that termination pitch adjustable transmission shaft being formed ensuring wide range of termination pitch.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS OF N-BENZYL-3-(4-CHLOROPHENYL)-2-[METHYL-[2-OXO-2-(3,4,5-TRIMETHOXYPHENYL) ACETYL]AMINO]-N-[3-(4-PYRIDYL)-1-[2-[4-PYRIDYL)ETHYL]PROPANAMIDE AND USES THEREOF

(51) International classification	:A61K 31/4409
(31) Priority Document No	:60/241,435
(32) Priority Date	:11/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048367
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/031926
(61) 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)GROSSMAN, TRUDY, H.
2)LOCHER, CHRISTOPHER

(57) Abstract :

The present invention relates to compositions of N-benzyl-3-(4-chlorophenyl)-2-[methyl-[2-oxo-2-(3,4,5-trimethoxyphenyl)acetyl]amino]-N-[3-(4-pyridyl)-1-[2-(4-pyridyl)ethyl]propyl]propanamide (Timcodar) useful for the treatment of patients with mycobacterium infections such as Mycobacterium tuberculosis. The invention also provides methods of treating patients with tuberculosis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.559/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PREPARING PYRIMIDINE DERIVATIVES USEFUL AS PROTEIN KINASE INHIBITORS

(51) International classification	:C07D 487/14
(31) Priority Document No	:61/245,769
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050132
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/038185
(61) 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)CHARRIER, JEAN-DAMIEN
2)DURRANT, STEVEN
3)KAY, DAVID

(57) Abstract :

A method of preparing a compound represented by Structural Formula (I), or a pharmaceutically acceptable salt thereof, wherein the variables of Structural Formula (I) are as described in the specification and claims, comprises the step of: a) cyclizing a compound represented by Structural Formula (A) under suitable reductive cyclisation conditions to form a compound represented by Structural Formula (B) wherein R10 is LG1 or -X1R1, and -LG1 is a suitable leaving group; and b) optionally, when R10 of Structural Formula (B) is LG1, further comprising the step of replacing the -LG1 of Structural Formula (B) with -X1R1 to form the compound represented by Structural Formula (I).

No. of Pages : 101 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.544/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER FOR FILTERING FLUIDS

(51) International classification :B01D 46/52
(31) Priority Document No :10 2009040202.0
(32) Priority Date :07/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/063133
Filing Date :07/09/2010
(87) International Publication No :WO/2011/027001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MANN+HUMMEL GMBH
Address of Applicant :HINDENBURGSTR. 45, 71638
LUDWIGSBURG, GERMANY.
(72)Name of Inventor :
1)MBADINGA-MOUANDA, GELASE
2)GEHWOLF, KLAUS

(57) Abstract :

The invention relates to a filter for filtering fluids, in particular gases, more particularly intake air, fuel, urea solution or engine oil, particularly of an internal combustion engine, particularly of a motor vehicle, or ambient air for introduction into ventilation systems of buildings or vehicles, comprising a filter element (1) made of a filter medium (106) pleated in a zigzag manner, with a raw side (105) and a clean side (104). On the raw side (105), a plurality of elongated depressions (656) are formed in the filter medium (14; 106), which extend between raw-side pleat tips (102a) and raw-side pleat bases (103a) approximately perpendicular to pleat edges (F) of the filter medium (106) and implement corresponding elevations (658) on the clean side (104) such that, in a raw-side pleat intermediate space (148a), in each case, two depressions (656) on the two medium sections (120) delimiting the pleat intermediate space (148a) are located directly opposite of each other and each form a flow channel (660).

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.556/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND MEANS FOR A THROWABLE GAMING CONTROL

(51) International classification	:A63F 13/02
(31) Priority Document No	:09172022.7
(32) Priority Date	:02/10/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/063967
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/039086
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BALL-IT OY

Address of Applicant :UUSIKATU 24 G 76, FI-90100 OULU, FINLAND.

(72)Name of Inventor :

1)VAANANEN, JOHANNES

(57) Abstract :

The invention relates to a throwable gaming control (710) used in motion controlled games. In particular, the invention relates to improving the sensory performance of a throwable gaming control, when the gaming control is actually airborne during a motion controlled game. A throwable gaming control for controlling at least one event in a computer game, comprising at least one magnetic sensor(110) and at least one acceleration sensor (120) is in accordance with the invention and is characterised in that: at least one acceleration sensor(120) is arranged to the center of gravity of the game control and/or to the proximity of the center of gravity of the gaming control and at least one magnetic sensor (110) is arranged to a position of least internal magnetic noise, and/or a position of low internal magnetic noise. The best mode of the invention is considered to be the combination of an acceleration sensor (120) in the centre of gravity of a wireless spherical mouse that in addition houses a magnetic sensor (110) in a magnetic noise free position. This sphericalmouse can be used to play for example basketball with realbasketball like movements in a computer game(70).

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.557/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED RIVETING PRESS TOOL ASSEMBLY

(51) International classification	:B21J 15/10	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House Ballard Estate Mumbai
(32) Priority Date	:NA	400 001 State of Maharashtra India.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SHINDE Prasad Raosaheb;
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved riveting press tool assembly. The assembly comprises holder plate means (2), stack means (1), and stopper pin means (1). The stopper pin means (1) having a predetermined height which is operatively arranged on the holder plate means (2) and/or the height of stopper pin means (1) being operatively kept more than the predetermined height of stack means (3) so as to retain position of a known magnet in the assembly and not allowing movement of said stack means (3) with a known slide means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.566/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ASYNCHRONOUS GENERATOR SYSTEM AND WIND TURBINE WITH AN ASYNCHRONOUS GENERATOR SYSTEM

(51) International classification	:H02P 9/00,F03D 9/00
(31) Priority Document No	:102009037330.6
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061863
Filing Date	:15/08/2010
(87) International Publication No	:WO/2011/018527
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUZLON ENERGY GMBH
Address of Applicant :KURT-DUNKELMANN-STR.5, 18057
ROSTOCK DE Germany
(72)**Name of Inventor :**
1)RAFOTH, AXEL

(57) Abstract :

The present invention relates to an asynchronous generator system for a wind turbine, and a wind turbine having such a system, and the method for operating and starting up such a wind turbine. The asynchronous generator system is thereby designed very simply and thus inexpensively and is able to absorb wind gusts and the associated speed increases.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.540/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIT ASSEMBLY FOR A DOWN-THE-HOLE HAMMER DRILL

(51) International classification	:E21B 4/14
(31) Priority Document No	:2009/05462
(32) Priority Date	:05/08/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/053549
Filing Date	:05/08/2010
(87) International Publication No	:WO/2011/016005
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GIEN, BERNARD LIONEL
Address of Applicant :NOS 2 AND 4 SIMBA STREET,
SEBENZA, EDENVALE 1610, GAUTENG, SOUTH AFRICA.
(72)**Name of Inventor :**
1)GIEN, BERNARD LIONEL

(57) Abstract :

The invention provides for a down-the-hole drill bit (11) assembly comprising a drill bit (11) having a screw-thread (7) at its anvil end, external splines on the drill shank (13) and cooperating splines (9) within a drill casing as well as a co-operating screw thread (7) carried by a component within the casing. The assembly is arranged to have engagement of the splines (9) with the screw threads (7) disengaged for driving the drill and to have the screw threads (7) engaged and splines (9) disengaged to permit removal of the bit from the assembly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.542/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : WALL MOUNTED SPEED REGULATOR FOR A BLDC MOTOR DRIVEN CEILING FAN

(51) International classification	:H02H7/122; H02P27/00	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :POWAI, MUMBAI 400076 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)ANAND SANDEEP
Filing Date	:NA	2)FERNANDES BAYTON GODFREY
(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 :

Wall mounted speed regulator for a BLDC motor driven ceiling fan. The regulator (1) comprises an AC-DC converter (2) mounted on a wall and connected to an AC supply (3) and to a DC controller (4) provided with a speed controller knob (5). A DC-AC converter (6) is mounted in the housing of the BLDC motor (7) and connected to the AC-DC converter by cables (8) and to the BLDC motor by cables (9)

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.550/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIODEGRADABLE PRODUCT OBTAINED FROM COMPOUNDS OF THERMOPLASTIC POLYMERS

(51) International classification	:C08L53/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TECNOFILM S. P. A.
(32) Priority Date	:NA	Address of Applicant :VIA FRATTE, 6968, I-63019 SANT
(33) Name of priority country	:NA	ELPIDIO A MARE(FM), ITALY.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CARDINALI BRUNO
(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 biodegradable product obtained from compounds of thermoplastic polymers is described, comprising: a styrenic block copolymer, a plasticizer, and a biodegradation catalyst, in which the plasticizer is a natural oil and the biodegradation catalyst is a yeas

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.571/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : OLOPATADINE COMPOSITIONS AND USES THEREOF

(51) International classification	:A61K 9/00
(31) Priority Document No	:61/247,618
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051062
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/041640
(61) 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, MS TB4-8,
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AMERICA.

(72)Name of Inventor :

1)SCHNEIDER, L., WAYNE

2)HAN, WESLEY, WEHSIN

3)CHOWHAN, MASOOD, A.

(57) Abstract :

The invention provides solution compositions comprising olopatadine and a PDE4 inhibitor compound of Formula (I). The invention also provides methods for treating allergic and inflammatory diseases. More particularly, the present invention relates to formulations of olopatadine and their use for treating and/or preventing allergic or inflammatory disorders of the eye, nose, skin, and ear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.572/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL NPR-B AGONISTS

(51) International classification	:A61K 38/22
(31) Priority Document No	:61/245,960
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049912
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/038061
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)OSTERKAMP, FRANK

2)HAWLISCH, HEIKO

3)HUMMEL, GERD

4)KNAUTE, TOBIAS

5)REIMER, ULF

6)REINEKE, ULRICH

7)RICHTER, UWE

8)SIMON, BERNADETT

9)SPECKER, EDGAR

10)WOISCHNIK, MARKUS

11)HELLBERG, MARK, R.

(57) Abstract :

Disclosed are novel compounds having NPR-B agonistic activity. Preferred compounds are linear peptides containing 8-13 conventional or non-conventional L- or D- amino acid residues connected to one another via peptide bonds.

No. of Pages : 145 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.580/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A CURVE OF MAXIMUM ALLOWABLE ENGINE TORQUE FOR CONTROLLING A COMBUSTION ENGINE

(51) International classification	:F02D 41/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/000404
Filing Date	:11/09/2009
(87) International Publication No	:WO/2011/031191
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VOLVO LASTVAGNAR AB
Address of Applicant :S-405 08 GOETEBORG, SWEDEN .
(72)**Name of Inventor :**
1)HEDMAN, ANDERS
2)SUNDIN, LARS

(57) Abstract :

A curve (2, 3, 4) of maximum allowable engine torque as a function of engine rotational speed for controlling a combustion engine, where a combustion engine control unit is arranged to control output torque and engine rotational speed as not to exceed said curve, and where said curve is defined by a torque build up range (n0 to ni), constant power range (n2 to 113) and a torque ramp down range (n3 to n4). Said torque ramp down range is defined so that the engine rotational speed at high engine power is reduced, while high engine rotational speeds are allowed at low engine power.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.569/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PRODRUGS OF GUANFACINE

(51) International classification :C07K 279/22

(31) Priority Document No :0916163.9

(32) Priority Date :15/09/2009

(33) Name of priority country :GB

(86) International Application No :PCT/GB2010/051544

Filing Date :15/09/2010

(87) International Publication No :WO/2011/033296

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SHIRE LLC

Address of Applicant :9200 BROOKFIELD COURT,
FLORENCE, KENTUCKY 41042 UNITED STATES OF
AMERICA.

(72)Name of Inventor :

1)FRANKLIN, RICHARD

2)TYSON, ROBERT, G.

3)GOLDING, BERNARD, T.

4)WHOMSLEY, RHYS

(57) Abstract :

Prodrugs of guanfacine with, amino acids or short peptides ,pharmaceutical compositions containing such prodrugs and a method for providing therapeutic benefit in the treatment of ADHD/ODD (attention deficient hyperactivity disorder and oppositional defiance disorder) with guanfacine prodrugs are provided herein. Additionally, methods for minimizing or avoiding the adverse gastrointestinal side effects associated with guanfacine administration, as well as improving the pharmacokinetics of guanfacine are provided herein.

No. of Pages : 83 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.570/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SEARCH AND RESCUE USING ULTRAVIOLET RADIATION

(51) International classification	:B63C 9/20,G01S 1/70
(31) Priority Document No	:12/554,527
(32) Priority Date	:04/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046285
Filing Date	:23/08/2010
(87) International Publication No	:WO/2011/028463
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RAYTHEON COMPANY
Address of Applicant :870 WINTER STREET WALTHAM, MA 02451-1449 UNITED STATES OF AMERICA.

(72)**Name of Inventor :**
1)WITZEL, JOHN GEORGE
2)DOLGIN, BENJAMIN, P.
3)COTTEN, STEVEN
4)BRENNAN, MICHAEL, ANDREW
5)GUTIERREZ, JORGE
6)SULIGA, WILLIAM

(57) Abstract :

A system for search and rescue includes a rescue beacon including a radiation source to emit radiation, at least a portion of which includes ultraviolet c-band radiation, and an ultraviolet c-band detector to detect the ultraviolet c-band radiation to enable locating of the rescue beacon.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.592/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR TREATMENT OF A SEMIMANUFACTURED PRODUCT MADE OF LEATHER OR SIMILAR MATERIAL AND ITEM RESULTING THEREOF

(51) International classification	:C14C 11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000445
Filing Date	:01/10/2009
(87) International Publication No	:WO/2011/039786
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CONCERIA STEFANIA S.P.A.
Address of Applicant :VIALE MAGENTA, 159 20022
CASTANO PRIMO (MILAN), ITALY.
(72)**Name of Inventor :**
1)RAMPONI, ANGELO

(57) Abstract :

The present invention relates to a method for the treatment of a semimanufactured product made of leather or similar material. The method comprises the steps of : providing the semimanufactured product to be treated; - preparing a treatment solution comprising a binder solution and silver in granules; - applying the treatment solution to at least one surface of said semimanufactured product to be treated. The binder solution comprises natural proteins in aqueous solution. The present invention also relates to an item produced from a semimanufactured product made of leather or similar material treated with the aforesaid method.

No. of Pages : 26 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.594/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : SURFACE MODIFYING COMPOSITIONS

(51) International classification	:D06M 13/513
(31) Priority Document No	:61/238,250
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047295
Filing Date	:31/08/2010
(87) International Publication No	:WO/2011/026093
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BATTELLE MEMORIAL INSTITUTE

Address of Applicant :505 KING AVENUE,
COLUMBUS,OH 43201 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)LALGUDI , RAMANATHAN ,S.

2)CAIN , ROBERT , J.

(57) Abstract :

A surface modifying composition comprises an amphiphilic compound which is non-cellulose based, the amphiphilic compound including a covalently linked ionic moiety with the following formula: where M= metal oxide or binary metal oxide, A₁ is selected from compounds with surface energy greater than or equal to 25 dynes cm⁻¹, A₂ is selected from compounds with surface energy greater than or equal to 12 dynes cm⁻¹, A₃ is selected from compounds having more than one reactive functional group, x = NH₂, NHR or NR₂ (R= methyl, ethyl, propyl or isopropyl), y= COOH, SO₃H or PO₃H, and R= H or halogen; and where one of the A₁ -x, A₂, or A₃-y may be replaced by a second O-R.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.611/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HIGH TEMPERATURE OPERATION INDUCTIVE POSITION SENSING DEVICE

(51) International classification	:G01D 5/20,H03K 17/95
(31) Priority Document No	:0915670.4
(32) Priority Date	:08/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051490
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/030142
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PERCEPTION SENSORS & INSTRUMENTATION LTD
Address of Applicant :1 TOWER CLOSE, GREEN LANE,
DONCASTER DN5, 7UP UNITED KINGDOM.
(72)**Name of Inventor :**
1)HYDE, JOHN

(57) Abstract :

There is disclosed a position sensing device comprising: i) a cylindrical core (12) having a longitudinal axis; ii) at least three discs or flanges (16 - 19) mounted about the longitudinal axis of the core; and iii) conductive wire coil windings (13 - 15) around the longitudinal axis between each adjacent pair of discs or flanges, to define at least a first coil (14) between a first pair (17, 18) of discs or flanges and a second coil (15) between a second pair (18, 19) of discs or flanges. The conductive wire of each coil winding comprises a conductive metal with a substantially dielectric oxide or ceramic coating, and the discs or flanges are made of non-polymeric material. By avoiding the use of polymeric components, the device can be used at very high temperatures without requiring a separate cooling arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.549/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : ARC CHUTE ASSEMBLY AND METHOD THERE OF

(51) International classification	:H01H73/18; H01H9/02; H01	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI - 400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)RAHUL AMBRISH
(33) Name of priority country	:NA	2)SHIRISH DATTATRAY GAIKWAD
(86) International Application No	:NA	3)PRIYANKA SHARMA
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 an arc chute assembly for a switching device. The arc chute assembly as of a plurality of differentially varied arc plates which are incrementally configured in the assembly. The assembly helps in achieving higher arc lengths and higher arc voltage. Achieving higher arc voltage helps the arc to quench faster.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/02/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : THERAPEUTIC CANCER VACCINE

(51) International classification	:A61K39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CADILA PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :Cadila Corporate Campus□ Sarkhej
(33) Name of priority country	:NA	Dholka Road Bhat Ahmedabad 382210 Gujarat India .
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KHAMAR Bakulesh Mafatlal
(87) International Publication No	: NA	2)DESAI Nirav Manojkumar
(61) Patent of Addition to Application Number	:NA	3)SHUKLA Chandreshwar Prasad
Filing Date	:NA	4)DARJI Avni Devenbharii
(62) Divisional to Application Number	:NA	5)MODI Indravadan Ambalal
Filing Date	:NA	

(57) Abstract :

The present invention relates to vaccine(s) comprising cancer cells expressing antigen(s), excipients, optionally adjuvant wherein the said antigen(s) is expressed on contacting the said cancer cell with p38 inducer, for use in treatment of Cancer. The vaccine composition induces specific immune response against homologous and heterologous cancer cells of the tissue /organ. The invention also provides method of preparing the same.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A-FUCOSYLATION DETECTION IN ANTIBODIES

(51) International classification	:G01N 33/68
(31) Priority Document No	:09172130.8
(32) Priority Date	:02/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064291
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/039150
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)JAEGER, CHRISTIANE
2)KOLL, HANS
3)SONDERMANN, PETER
4)UMANA, PABLO

(57) Abstract :

This invention describes a new analytical method to determine the quantity and distribution of fucose per Fc within an antibody preparation.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.567/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTROMAGNETIC DETECTION OF ANALYTES

(51) International classification	:G01F 1/64,C25B 9/00
(31) Priority Document No	:61/247,227
(32) Priority Date	:30/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050972
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/041586
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VIROGENOMICS, INC.

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(72)Name of Inventor :

1)CLARE, BRIAN, H.

2)ETHERINGTON, EDWARD, J.

(57) Abstract :

Disclosed herein are functionalized electrodes and biosensors that can be used to detect biomolecules, such as a target analyte. In some embodiments, a functionalized electrode includes an electrically conducting surface, a first thiol compound and a second thiol compound. Also provided are kits and biosensor arrays including one or more disclosed functionalized electrodes and/or biosensors. Moreover, systems and methods for detecting biomolecules, such as a target analyte, with the disclosed functionalized electrodes and/or biosensors are also provided.

No. of Pages : 92 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.568/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : STABILIZED MELANOCORTIN LIGANDS

(51) International classification	:C07K 7/08
(31) Priority Document No	:61/238,625
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047108
Filing Date	:30/08/2010
(87) International Publication No	:WO/2011/026015
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TENSIVE CONTROLS, INC.

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GREENSBORO, NORTH CAROLINA 27455 UNITED STATES
OF AMERICA.

(72)Name of Inventor :

1)GRUBER, KENNETH A.

(57) Abstract :

Compositions and methods are disclosed for a non-naturally occurring melanocortin ligand comprised of a melanocortin analog coupled to a degradation-resistant C-terminal extension and, optionally, an N-terminal extension, to produce a stable melanocortin ligand having diminished or abolished cardiovascular activity while retaining desired melanocortin regulatory activity.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.583/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ABRASIVE ARTICLES INCLUDING ABRASIVE PARTICLES BONDED TO AN ELONGATED BODY

(51) International classification	:B23D 61/18
(31) Priority Document No	:61/234,202
(32) Priority Date	:14/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045643
Filing Date	:16/08/2010
(87) International Publication No	:WO/2011/020105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAINT-GOBAIN ABRASIVES, INC.
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STATES OF AMERICA.
2)SAINT-GOBAIN ABRASIFS
(72)**Name of Inventor :**
1)LIEBELT, SUSANNE
2)TESI, VINCENT
3)VON BENNIGSEN-MACKIEWICZ, THEODOR

(57) Abstract :

An abrasive article comprising an elongated body, a bonding layer overlying a surface of the elongated body, and abrasive grains contained within the bonding layer at an average abrasive grain concentration within a range between about 0.02 ct/m and about 0.30 ct/m.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.615/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATMENT OF NEUROPATHIC PAIN

(51) International classification	:C12Q1/68,C12N15/11	(71) Name of Applicant :
(31) Priority Document No	:61/239,065	1)RUTGERS THE STATE UNIVERSITY OF NEW
(32) Priority Date	:02/09/2009	JERSEY
(33) Name of priority country	:U.S.A.	Address of Applicant :OLD QUEENS, SOMERSET STREET,
(86) International Application No	:PCT/US2010/047657	NEW BRUNSWICK, NJ 08903 UNITED STATES OF
Filing Date	:02/09/2010	AMERICA.
(87) International Publication No	:WO/2011/028890	(72) Name of Inventor :
(61) Patent of Addition to Application	:NA	1)YU LEI
Number	:NA	2)GUO NING
Filing Date	:NA	3)ZHANG YU-QUI
(62) Divisional to Application Number	:NA	4)ZHAO ZHI-QI
Filing Date	:NA	5)JING NAIHE

(57) Abstract :

The present invention relates to compounds, compositions, methods, systems and kits for treating neuropathic pain regulated by SIP30. The present invention provides SIP30 antagonists for the treatment of neuropathic pain.

No. of Pages : 61 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.616/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SECONDARY PACKAGING COMPRISING A PLURALITY OF ARTICLES OR CONTAINERS AND METHOD FOR PRODUCING SUCH A PACKAGE

(51) International classification	:B65D 71/02
(31) Priority Document No	:10 2009 044 271.5
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/065638
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/045440
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KRONES AG

Address of Applicant :BOEHMERWALDSTRASSE 5, 93073 NEUTRAUBLING, GERMANY.

(72)Name of Inventor :

1)HERR KURT PERL

2)HERR MICHAEL HARTL

(57) Abstract :

The invention relates to a secondary packaging (10), comprising at least two articles connected to each other, such as PET containers (12), which are held together by means of at least one tape- or strip-shaped, closed strap (18) that is tensioned horizontally around an outer face (16) of the articles or PET containers (12). The strap is formed by means of one, two or more identical or different tapes (20) made of plastic or a composite material, which at the ends thereof are glued and/or welded to each other in an overlapping manner forming an integral or multi-part contact point (22). At the contact point (22), or removed therefrom, at least one relief loop (30) is designed on the strap (18). The invention further relates to a method for producing a secondary packaging that is provided with a strap (18), which is applied using the following steps: inserting the tape (20) in a frame that is placed around the secondary packaging (10), clamping the tape (20) in at least one point, forming a relief loop (30) in the direct vicinity of the clamping point, pulling back the non-clamped tape section and tensioning the tape (20), clamping the tape sections in the region of the relief loop (30), welding the tape sections located one on top of the other, and releasing the strap tape (18).

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.620/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PARTICLE TRAP AND FILTER DEVICE COMPRISING A PARTICLE TRAP

(51) International classification	:F02M35/022,B01D45/04	(71)Name of Applicant :
(31) Priority Document No	:PCT/SE2009/000408	1)VOLVO LASTVAGNAR AB
(32) Priority Date	:14/09/2009	Address of Applicant :S-405 08 GOETEBORG, SWEDEN .
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCTSE2010/000224	1)ETEMAD SASSAN
Filing Date	:14/09/2010	2)RYRHOLM REIMER
(87) International Publication No	:WO2011/031205	
(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 particle trap (100) for removing particles from a fluid (90), comprising a conduit (10), the conduit (10) comprising (i) a wall (16); (ii) a bended region (20) with at least one bend (200), the bended region (20) having an upstream side (20a) and a downstream side (20b) with respect to a longitudinal flow direction (70) of the fluid (90) along the conduit (10); (iii) an inlet (12) at the upstream side (20a) of the bended region (20); (iv) at least one first outlet (40) at the downstream side (20b) of the bended region (20); (v) at least one second outlet (50) at the downstream side (20b) or downstream of the bended region (20); (vi) wherein the least one first outlet (40) is arranged in a first region (26), at a distance from the wall (16), where during operation of the conduit (10) the concentration of particles in the fluid (90) is lower than in the vicinity of the wall (16) during operation; (vii) wherein the least one second outlet (50) is arranged in the vicinity of the wall (16) where during operation of the conduit (10) the concentration of particles is higher than where the at least one first outlet (40) is arranged; (viii) wherein the at least one first outlet (40) is arranged in a region (300) of the conduit (10) where during operation of the conduit (10) a separation between the fluid (90) with high particle concentration and the fluid (90) with low particle concentration is dominated by a swirl movement of the fluid (90) about the longitudinal flow direction (70) in the conduit (10); and (ix) wherein the at least one first outlet (40) is arranged in a substantially central region (82, 82a, 82b) of a swirl (80, 80a, 80b) generated in the fluid (90) during operation of the conduit (10).

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.581/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION FOR PERORAL ADMINISTRATION OF DIINDOLYLMETHANE

(51) International classification	:A61K 31/404
(31) Priority Document No	:2009134872
(32) Priority Date	:18/09/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000487
Filing Date	:07/09/2010
(87) International Publication No	:WO/2011/034465
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KISELEV, VSEVOLOD IVANOVICH
2)VASSILIEVA, IRINA GENNADIEVNA

(57) Abstract :

The invention relates to the field of pharmaceuticals. The invention describes block copolymer pharmaceutical compositions containing 3,3-diindolylmethane (DIM). A pharmaceutical composition for peroral administration comprises 3,3-diindolylmethane as active ingredient and a target additive, wherein said composition comprises, as target additive, a block copolymer of oxyethylene and oxypropylene, in which the hydrophobic block content is less than 50% by mass, and the molecular mass of the hydrophilic block is 2250 Da or more, given a ratio of active ingredient to the selected block copolymer of 10:1-2:1. The compositions improve the absorption of the active compound in the bloodstream when said active compound is administered perorally.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.595/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL ASSAY FOR THE DETECTION OF AMYLOID BETA PEPTIDES

(51) International classification :G01N 33/536

(31) Priority Document No :61/243,604

(32) Priority Date :18/09/2009

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

(86) International Application No :PCT/EP2010/063664

Filing Date :17/09/2010

(87) International Publication No :WO/2011/033046

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PROBIODRUG AG

Address of Applicant :WEINBERGWEG 22, 06120
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(72)Name of Inventor :

1)KLEINSCHMIDT , MARTIN

2)GOETTLICH , CLAUDIA

3)DEMUTH , HANS-ULRICH

(57) Abstract :

The present invention pertains to a novel method for detection of A β peptides, in particular in plasma, and to the use of A β peptides for diagnosis of Alzheimers disease.

No. of Pages : 68 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.596/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : HBV ANTISENSE INHIBITORS

(51) International classification	:A61K 31/7115
(31) Priority Document No	:61/252,380
(32) Priority Date	:16/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052911
Filing Date	:15/10/2010
(87) International Publication No	:WO/2011/047312
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLAXO GROUP LIMITED

Address of Applicant :GLAXO WELLCOME HOUSE,
BERKELEY AVENUE, GREENFORD MIDDLESEX UB6
0NN UNITED KINGDOM.

(72)Name of Inventor :

1)HAMATAKE , ROBERT

(57) Abstract :

Antisense oligomers useful for modulating hepatitis B virus infections, and for the treatment of hepatitis B virus (HBV) and hepatitis B virus-related conditions in animals including humans. More particularly, antisense oligomers with modified nucleotides for treatment of HBV in animals, more particularly antisense oligomers comprising 2O-4C- methylene-bridged sugars, or nucleotides with other 2O-4C bridged sugars, also known as locked nucleic acids (LNA), for treatment of HBV in animals, and more particularly for treatment of HBV in humans.

No. of Pages : 57 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.612/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHOTOCHEMICAL PROCESS FOR PRODUCING ARTEMISININ

(51) International classification	:C07D493/22,C07C69/96	(71)Name of Applicant :
(31) Priority Document No	:09305805.5	1)SANFOI
(32) Priority Date	:01/09/2009	Address of Applicant :54 RUE LA BOETIE F-75008 PARIS
(33) Name of priority country	:EUROPEAN UNION	FRANCE.
(86) International Application No	:PCT/EP2010/062811	(72)Name of Inventor :
Filing Date	:01/09/2010	1)DHAINAUT JILDAZ
(87) International Publication No	:WO/2011/026865	2)DLUBALA ALAIN
(61) Patent of Addition to Application	:NA	3)GUEVEL RONAN
Number	:NA	4)MEDARD ALIAN
Filing Date	:NA	5)RAYMOND NICOLAS
(62) Divisional to Application Number	:NA	6)TURCONI JOEL
Filing Date	:NA	7)ODDON, GILLES

(57) Abstract :

Provided is a new photochemical process for preparing artemisinin. Also provided are certain dihydroartemisinic acid derivatives useful for preparing artemisinin.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.613/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYCONDENSATION CATALYST FOR PRODUCING POLYESTER AND METHOD FOR PRODUCING POLYESTER USING THE SAME

(51) International classification	:C08G 63/82
(31) Priority Document No	:2009-212938
(32) Priority Date	:15/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066107
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/034156
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAKAI CHEMICAL INDUSTRY CO., LTD.

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(72)Name of Inventor :

1)TABATA KEIICHI

2)KAMON AKIHIRO

3)NAITO JUN

4)IKEGAWA KEIICHI

(57) Abstract :

Disclosed is a polycondensation catalyst for the production of polyesters by an esterification reaction or a transesterification reaction between dicarboxylic acid or an ester-forming derivative of the same, and glycol. In order to obtain the polycondensation catalyst a water-soluble titanium compound is hydrolyzed, in the absence of a water-soluble alkali, in an aqueous slurry having solid base particles dispersed therein, and a coating layer is formed on the surfaces of the solid base particles. The coating layer comprises, in terms of TiO₂, 0.1-50 parts by weight of titanate acid per 100 parts by weight of solid bases. Also disclosed are a method for producing the polycondensation catalyst, and polyesters obtained using the polycondensation catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.575/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR PRODUCING CONTAINERS FOR LIQUID

(51) International classification	:B67C 7/00
(31) Priority Document No	:10 2009 041 160.7
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/063202
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/029856
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KRONES AG

Address of Applicant :BOEHMERWALDSTRABE 5, 93073 NEUTRABLING, GERMANY.

(72)Name of Inventor :

1)CHRISTOPH KLENK

(57) Abstract :

The invention relates to a device for producing containers for liquid (10) comprising a shaping unit (2), for shaping plastic preforms (10) into plastic containers (20), and a filling unit (4) for filling the plastic containers with a liquid medium, wherein the filling unit (4) lies downstream in a transport direction (R) of the plastic containers relative to the shaping unit (2). The shaping unit (2) has a feeding region (22) for feeding the plastic preforms (10) and a discharging region (24) in order to discharge the plastic containers (20) from the shaping unit (2). The filling unit (4) has a feeding region (42) for feeding the plastic containers to the filling unit (4) and a discharging region (44) for discharging the plastic containers from the shaping unit (4), wherein at least one transporting device (30), which is used as an interface, lies between the discharging region (24) of the shaping unit (2) and the feeding region (42) of the filling unit (4), said transporting device transporting plastic containers at least along some sections and individually between the shaping unit (2) and the filling unit (4). The transporting device (30) is designed such that at least one further unit (6, 7) for manipulating the containers into the device can be inserted between the shaping unit (2) and the filling unit (4). Said further unit (6, 7) can be connected to the transporting device (30) such that the transport flow of the containers (20) between the shaping unit (2) and the filling unit runs via the additional unit (32).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.587/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN IMPROVED PROCESS FOR THE SYNTHESIS OF ALKYL / ARALKYL (2S)-2-(TERT-BUTOXYCARBONYL)-AMINO-2-[-8-AZABICYCLO[3.2.1]OCT-3-YL]-EXO-ACETATE AND ANALOGS THEREOF: KEY INTERMEDIATES FOR THE PREPARATION OF DPPIV INHIBITORS

(51) International classification	:C07D 451/02	(71)Name of Applicant :
(31) Priority Document No	:1055/KOL/2009	1)LUPIN LIMITED
(32) Priority Date	:13/08/2009	Address of Applicant :159, CST ROAD, KALINA,
(33) Name of priority country	:India	SANTACRUZ (EAST), MUMBAI-400098, MAHARASHTRA
(86) International Application No	:PCT/IN2010/000276	India
Filing Date	:28/04/2010	(72)Name of Inventor :
(87) International Publication No	:WO/2011/018796	1)ROY, BHAIKAB, NATH
(61) Patent of Addition to Application	:NA	2)KAMBOJ, RAJENDER, KUMAR
Number	:NA	3)GEORGE, SHAJI, K
Filing Date	:NA	4)VENUGOPAL, SPINVIN, C
(62) Divisional to Application Number	:NA	5)SHANMUGVADIVELU, MUTHU, KUMARAN
Filing Date	:NA	6)SINHA, NEELIMA

(57) Abstract :

An improved process for the synthesis of intermediates like Alkyl/Aralkyl (2S)-2-(tert-butoxycarbonyl)-amino-2-[-8-azabicyclo[3.2.1]oct-3-yl]-exo-acetate and analogs thereof which are useful in the synthesis of Dipeptidyl peptidase-IV (DPPIV) inhibitors.

No. of Pages : 41 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.599/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : CORROSION RESISTANT BUSHING

(51) International classification	:F16C 33/20
(31) Priority Document No	:12/549,713
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/062544
Filing Date	:27/08/2010
(87) International Publication No	:WO/2011/023794
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAINT-GOBAIN PERFORMANCE PLASTICS
Address of Applicant :AM NORDKANAL 37, 47877
WILLICH, GERMANY.
(72)**Name of Inventor :**
1)NATU PARAG

(57) Abstract :

A method of forming a corrosion resistant bushing includes bonding a sliding layer to a first surface of a load bearing substrate to form a laminate sheet and cutting a blank from the laminate sheet. The laminate sheet includes an exposed surface corresponding to a second surface of the load bearing substrate. The blank includes cut edges having a load bearing substrate portion. The method further includes forming a semi -finished bushing from the blank, and applying a corrosion resistant coating to the exposed surface and the load bearing substrate portion of the cut edges to form the corrosion resistant bushing.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.617/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A BAR COUPLER

(51) International classification	:E04C 5/18,E04C 5/16
(31) Priority Document No	:2009903830
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001033
Filing Date	:13/08/2010
(87) International Publication No	:WO/2011/017765
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)YALBATON PTY LTD

Address of Applicant :PO BOX 101 GLEN APLIN, QUEENSLAND 4381, AUSTRALIA.

(72)Name of Inventor :

1)COMERFORD, ERNEST FREDERICK

2)RANKIN, MARK ANDREW

(57) Abstract :

A coupler or connector for joining bars, for example reinforcing bars, comprising an elongate rod member adapted to be inserted into a tubular sleeve member. The rod and sleeve members each have one or more transverse holes which align when the rod member is inserted into the sleeve member. In operational use, the rod and sleeve members are attached to the free ends of the bars to be connected. One or more transverse pins are then driven into the holes which are aligned in order to lock the rod and sleeve member together thereby connecting the bars. In another example of the invention, the pins can be spring loaded and/or the elongate rod member is adapted to be inserted into a pair of opposed sleeve members. In yet another example of the invention, there can be a plastic sleeve adapted to retain the pins in position thereby locking in place the sleeve and rod members. In another version where the pins are spring loaded, the plastic sleeve is slid off during assembly to allow the pins to engage the holes in the sleeve member(s).

No. of Pages : 34 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.619/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AUTOMATIC SILTING-REMOVING METHOD FOR SHAFT SEALING DEVICE OF CONCRETE MIXER AND DEVICE THEREOF

(51) International classification	:B28C5/08
(31) Priority Document No	:200910176764.5
(32) Priority Date	:21/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074283
Filing Date	:22/06/2010
(87) International Publication No	:WO/2011/032406
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HUNAN SANY INTELLIGENT CONTROL EQUIPMENT CO., LTD.

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2)SANY HEAVY INDUSTRY CO., LTD.

(72)Name of Inventor :

1)YI XIUMING

2)SHEN MINGXING

3)DAI QINGLONG

(57) Abstract :

An automatic silting-removing method for shaft sealing device of concrete mixer is provided, which is that, determining whether the silting exists by detecting the oil pressure in the lubrication passage (7) of an oil passage (320) and supplying air flow to the lubrication passage (7) to remove the silting when the determining result is positive. A device for applying the above method includes a shaft sealing part (310), an oil passage part (320), an air passage part (330) and a control part (340).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.623/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ABRASIVE ARTICLES INCLUDING ABRASIVE PARTICLES BONDED TO AN ELONGATED BODY, AND METHODS OF FORMING THEREOF

(51) International classification :B23D61/18,B23D65/00
(31) Priority Document No :61/234,205
(32) Priority Date :14/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045647
Filing Date :16/08/2010
(87) International Publication No :WO/2011/020109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SAINT-GOBAIN ABRASIVES, INC.
Address of Applicant :ONE NEW BOND STREET,
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AMERICA.
2)SAINT-GOBAIN ABRASIFS
(72)Name of Inventor :
1)TIAN YINGGANG
2)DING RAN
3)SUBRAMANIAN KRISHNAMOORTHY
4)LIEBELT SUSANNE

(57) Abstract :

An abrasive article includes an elongated body, a bonding layer including a metal overlying a surface of the elongated body, and a coating layer including a polymer material overlying the bonding layer. The abrasive article further includes abrasive grains contained within the bonding layer and coating layer, and wherein the bonding layer comprises an average thickness (tbl) at least about 40% of the average grit size of the abrasive grains.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.624/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CAPPING HEAD FOR SCREWING ON SCREW CAPS

(51) International classification	:B67B3/20
(31) Priority Document No	:10 2009042147.5
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005590
Filing Date	:13/09/2010
(87) International Publication No	:WO2011/029616
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)CLOSURE SYSTEMS INTERNATIONAL
DEUTSCHLAND GMBH**

Address of Applicant :MAINZER STRASSE 185, 67547
WORMS GERMANY.

(72)Name of Inventor :

1)SCHWARZ WOLFHARD

(57) Abstract :

The invention relates to a capping head (1) for screwing screw caps (31, 33) onto receptacles, in particular bottles, comprising a central axis (3) and a capping cone (7) that has a cavity (5) holding the screw cap (31, 33) and that has a toothed profile (9), the teeth (11) of which substantially point in the direction of the central axis (3). The cavity (5) has an opening (19). A root diameter of the toothed profile (9) lies on a first imaginary annular surface (13), while a tip diameter of the toothed profile lies on a second imaginary annular surface (15), said first and second annular surfaces (13, 15) being concentric to the central axis (3). The second annular surface (15) and the central axis (3) enclose a first angle α , while a diameter of the capping cone (7) increases in the direction of the opening (19). According to the invention, the first annular surface (13) and the second annular surface (15) enclose a second angle $> 0^\circ$.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.635/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TERMINAL DEVICE AND RETRANSMISSION CONTROL METHOD

(51) International classification	:H04W 28/04,H04L 1/00
(31) Priority Document No	:2009-230727
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004881
Filing Date	:03/08/2010
(87) International Publication No	:WO/2011/039923
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN.

(72)Name of Inventor :

1)NAKAO, SEIGO

2)NISHIO, AKIHIKO

3)HORIUCHI, AYAKO

4)IMAMURA, DAICHI

(57) Abstract :

Provided are a terminal device and a retransmission control method that make it possible to minimize increases in overhead in an uplink control channel (PUCCH), even if channel selection is used as the method to transmit response signals during carrier-aggregation communication using a plurality of downlink unit bands. On the basis of the generation status of uplink data and error-detection results obtained by a CRC unit (211), a control unit (208) in the provided terminal (200) uses response signal transmission rules to control the transmission of response signals or uplink control signals that indicate the generation of uplink data. If an uplink control signal and a response signal are generated simultaneously within the same transmission time unit, the control unit (208) changes the resources allocated to the response signal and/or the phase point of the response signal in accordance with the number and position of ACKs within the error-detection result pattern.

No. of Pages : 94 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.636/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WATER-IN-OIL-TYPE EMULSION SKIN COSMETIC

(51) International classification	:A61K8/893,A61K8/86	(71)Name of Applicant :
(31) Priority Document No	:221121	1)SHISEIDO COMPANY, LTD.
(32) Priority Date	:25/09/2009	Address of Applicant :5-5, GINZA 7-CHOME, CHUO-KU,
(33) Name of priority country	:Argentina	TOKYO 1048010, JAPAN.
(86) International Application No	:PCT/JP2010/066361	(72)Name of Inventor :
Filing Date	:22/09/2010	1)SASAKI KAZUTAKA
(87) International Publication No	:WO2011/037123	2)OMURA TAKAYUKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a skin cosmetic in which the emulsion stability can be ensured even when the skin cosmetic is prepared by adding a volatile hydrocarbon oil to a water-in-oil-type emulsion composition containing a non-volatile silicone oil, and which has an excellent non-oily sensation upon application. Specifically disclosed is a water-in-oil-type emulsion skin cosmetic which is characterized by comprising (A) 3 to 25% mass of a volatile hydrocarbon oil, (B) 0.1 to 15% by mass of a non-volatile silicone oil, (C) 0.1 to 1% by mass of a polyethylene glycol mono- or di-isostearate having 4 to 12 oxyethylene groups, (D) 0.1 to 5% by mass of a polyoxyethylene-polydimethylsiloxylethyl-dimethicone copolymer, and (E) an organically-modified clay mineral.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.637/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF NARATRIPTAN

(51) International classification :C07D 401/04
(31) Priority Document No :1931/MUM/2009
(32) Priority Date :20/08/2009
(33) Name of priority country :India
(86) International Application No :PCT/GB2010/001562
Filing Date :18/08/2010
(87) International Publication No :WO/2011/021000
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CIPLA LIMITED

Address of Applicant :MUMBAI CENTRAL, MUMBAI - 400 008, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)RAO DHARMARAJ RAMACHANDRA

2)KANKAN RAJENDRA NARAYANREO

3)CHIKHALIKAR SANDIP VASANT

4)GHAGARE MARUTI

(57) Abstract :

The present invention relates to a process for preparing naratriptan or a salt thereof, the process comprising: (a) reacting a compound of formula (3) with a compound of the formula HCCR wherein Z is a protecting group, Y is a leaving group and R is a trialkyl silyl group, a trialkylstannyl group or a zinc (II) halide, to obtain the compound of formula (4); (b) converting the compound of formula (4) to a compound of formula (5) wherein Z is hydrogen or a benzyl group; (c) converting the compound of formula (5) to naratriptan; and (d) optionally converting naratriptan to a salt thereof. The present invention also provides novel compounds (3) and (4) and processes for their preparation.

No. of Pages : 51 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.653/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR PURIFICATION OF DRINKING WATER USING NANO FERRITE FILTER COMPRISING NONWOVEN FABRIC COATED WITH ULTRAFINE PARTICLES FERROMAGNETIC FERRITE,A METHOD FOR STERILIZATION OF HARMFUL BACTERIA CONTAINED IN DRINKING WATER USING NANO FERRITE FILTER COMPRISING NONWOVEN FABRIC COATED WITH ULTRAFINE PARTICLES FERROMAGNETIC FERRITE ,AND A METHOD FOR IMPROVEMENT OF DRINKING WATER BY REMOVAL OF HAZARDOUS SUBSTANCES AND STERILIZATION USING NANO FERRITE COMPRISING NONWOVEN FABRIC COATED..... FERRITE

(51) International classification	:C02F 1/48,B01D 35/06
(31) Priority Document No	:2009-237140
(32) Priority Date	:14/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067636
Filing Date	:07/10/2010
(87) International Publication No	:WO/2011/046061
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ISHIBASHI SHINICHIRO
(72)**Name of Inventor :**
1)ISHIBASHI SHINICHIRO
2)YANAGIDAIRA SAKAN

(57) Abstract :

METHOD FOR PURIFYING DRINKING WATER USING NANOFILTER COATED WITH NANO-SIZED FERROMAGNETIC FERRITE, METHOD FOR STERILIZING HARMFUL BACTERIA CONTAINED IN DRINKING WATER USING SAID NANOFILTER, AND METHOD FOR IMPROVING DRINKING WATER BY STERILIZING AND REMOVING HARMFUL SUBSTANCES USING SAID NANOFILTER

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.655/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A COMPSOTION FOR PROMOTING COLLAGEN PRODUCTION

(51) International classification	:A61K 8/44,A23L 1/305
(31) Priority Document No	:2009-224743
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066672
Filing Date	:27/09/2010
(87) International Publication No	:WO/2011/040363
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :5-5, GINZA 7-CHOME, CHUO-KU, TOKYO 1048010, JAPAN.
(72)**Name of Inventor :**
1)ASHIDA, YUTAKA
2)TOJO, YOSUKE
3)SHIMADA, SHOICHIRO
4)MIZUMOTO, CHIEKO
5)MITA, MASASHI

(57) Abstract :

Disclosed is a novel composition which has a function of accelerating production of collagen. The composition has high light stability and is free from side effects such as those of retinoids. Specifically disclosed is a collagen production accelerating composition which contains one or more compounds selected from the group consisting of D-aspartic acid, D-alanine, derivatives of D-aspartic acid or D-alanine and/or salts of D-aspartic acid or D-alanine. The composition may be used for the purpose of suppressing and/or improving skin conditions. The skin conditions may include but is not limited to photoaging and/or wrinkles. The composition may be used for an external preparation for the skin or food. The composition may be a type I collagen production accelerating composition.

No. of Pages : 72 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.646/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR THE TREATMENT OF SOLIDS AND / OR GASES

(51) International classification :B01J8/00,B01J 8/18
(31) Priority Document No :10 2009 050 165.7
(32) Priority Date :21/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT//EP2010/006405
Filing Date :20/10/2010
(87) International Publication No :WO/2011/047848
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ERLER RENE-ARNDIT

2)MISSALLA MICHAEL

3)GILGEN ROLF

(57) Abstract :

An apparatus for the treatment of solids and/or gases includes a fluidized-bed reactor (1) in which the solids are fluidized by means of fluidizing gas and are thermally and/or chemically treated, and a centrifugal separator (2) in which gas and solids are separated from each other, wherein the fluidized-bed reactor (1) is connected with the centrifugal separator (2) via a transfer duct (3). To avoid the formation of a streak extremely loaded with solids in the upper region of the centrifugal separator, the transfer duct (3) branches off from the fluidized-bed reactor (1) with a cross-section whose horizontal dimension is greater than the vertical dimension, wherein the cross-section of the transfer duct (3) expands downwards in vertical direction from the fluidized-bed reactor (1) to the centrifugal separator (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.647/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SINTER COOLER

(51) International classification	:C22B 1/26,F27B 21/02
(31) Priority Document No	:10 2009 048 724.7
(32) Priority Date	:08/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005518
Filing Date	:08/09/2010
(87) International Publication No	:WO/2011/042100
(61) 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 02200 ESPOO, FINLAND.

(72)Name of Inventor :

1)CHAMBERS, ALAN

(57) Abstract :

The invention relates to a sinter cooler of a sintering plant for use in metallurgy, comprising a cooling-air chamber (1) and a sinter cooling chamber (3) including a perforated plate (2), which can travel over the same, and comprising a cooling gas seal (4) between the upper surface of the cooling-air chamber (1) and the lower surface of the sinter cooling chamber (3), wherein the cooling gas seal (4) carried along with the sinter cooling chamber (3) includes sealing elements (6) of an elastomeric material, which are mounted with a vertical play such that they are seated on the lateral upper edges (5) of the stationary vertical cooling-air chamber wall (7), which extend in direction of travel of the sinter cooling chamber (3), and during travel of the sinter cooling chamber (3) slide along the upper edges (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.657/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTIOXIDANT COMPOSITION

(51) International classification	:A61K 31/198
(31) Priority Document No	:2009-224742
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055842
Filing Date	:31/03/2010
(87) International Publication No	:WO/2011/040071
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)TOJO, YOSUKE
2)MIZUMOTO, CHIEKO
3)ASHIDA, YUTAKA
4)MITA, MASASHI

(57) Abstract :

Disclosed is a stable and safe antioxidant composition which can be used routinely. Specifically disclosed is an antioxidant composition which contains one or more compounds selected from the group consisting of D-aspartic acid, derivatives thereof and/or salts thereof. The composition may be used for the purpose of suppressing and/or improving skin conditions. The skin conditions may include but is not limited to fine wrinkles, rough skin, dry skin, skin cancers, skin allergies, inflammation of the skin and photosensitive dermatosis. The composition may be used for an external preparation for the skin, food and a pharmaceutical product for cataract.

No. of Pages : 57 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.658/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NONWOVEN FABRIC AND METHOD FOR MANUFACTURING SAME

(51) International classification	:D04H1/54,D04H1/70	(71)Name of Applicant :
(31) Priority Document No	:2009-225523	1)UNICHARM CORPORATION
(32) Priority Date	:29/09/2009	Address of Applicant :182, SHIMOBUN, KINESEI-CHO,
(33) Name of priority country	:Japan	SHIKOKUCHUO-SHI, EHIME,7990111 JAPAN.
(86) International Application No	:PCT/JP2010/063802	(72)Name of Inventor :
Filing Date	:16/08/2010	1)UEMATSU, KATSUHIRO
(87) International Publication No	:WO/2011/040132	2)GODA HIROKI
(61) Patent of Addition to Application	:NA	3)MIZUTANI, SATOSHI
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is liquid permeable nonwoven fabric having improved air permeability in the direction of the thickness thereof, the nonwoven fabric having formed on the surface thereof ridges and troughs extending parallel to each other in one direction. Ridges (6) and troughs (7) which extend parallel to each other in the longitudinal direction are formed on the surface (3) of nonwoven fabric (1) in which short fibers (2) consisting of thermoplastic synthetic fibers are fusion-bonded together. In a cross-section of a ridge (6) taken in the lateral direction (B), the ridge (6) includes side portions (22, 23) on both sides, said side portions (22, 23) having the short fibers (2) aggregated densely, and also includes a center portion (21) which is located between both the side portions (22, 23) and in which the short fibers (2) are aggregated coarsely. The short fibers (2) in the center portion (21) include short fibers (2a) which connect both the side portions (22, 23) at the top (12) of the ridge (6). A method for manufacturing the nonwoven fabric (1) is also provided.

No. of Pages : 44 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.632/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENERGY REDUCING RETROFIT METHOD AND APPARATUS FOR A CONSTANT VOLUME HV AC SYSTEM

(51) International classification	:G05D 23/00
(31) Priority Document No	:12/544,960
(32) Priority Date	:20/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045734
Filing Date	:17/08/2010
(87) International Publication No	:WO/2011/022379
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MILLER, DANNY
2)SIPE, JUSTIN

(57) Abstract :

An energy-reducing method and apparatus for retrofitting a constant volume BVAC system, with or without an economizer, that provide heating, cooling, and ventilation to occupants within a building space. The present invention includes the introduction of a programmable logic controller and variable frequency drive (VFD) that takes control of the existing fan, heating, cooling, and optional economizer operation. The controller is programmed for the reduction of fan speed in the heating and cooling modes. The reduction of the fan speed in the ventilation mode when the 100% operation is not needed saves significant energy of the existing constant volume BVAC system where the fan motor is designed to run 100% of the time. The fan speed may be further reduced upon a reduction in sensed occupancy levels of the space such as with a CO2 sensor. Additionally the fan speed may be reduce energy consumption.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.642/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : PESTICIDAL MIXTURES

(51) International classification	:A01N 53/00
(31) Priority Document No	:09171645.6
(32) Priority Date	:29/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064093
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/039104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GEWEHR MARKUS

2)BRAHM LUTZ

3)HADEN EGON

(57) Abstract :

The present invention relates to synergistic mixtures comprising, as active components one insecticidal compound I selected from the group of acrinathrin, allethrin, alpha- cypermethrin, beta-cypermethrin, bifenthrin, cycloprothrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, dimefluthrin, esfenvalerate, etofenprox, fenpropathrin, fenvalerate, flucythrinate, imiprothrin, permethrin, prallethrin, profluthrin, pyrethrin I, pyrethrin II, resmethrin, silafluofen, tau-fluvalinate, tetramethrin, theta-cypermethrin, tralomethrin, transfluthrin and zeta-cypermethrin; and one fungicidal compound II selected from the group of azoxystrobin, coumethoxystrobin, coumoxystrobin, dimoxystrobin, enestroburin, fluoxastrobin, kresoxim-methyl, metominostrobin, orysastrobin, picoxystrobin, pyraclostrobin, pyrametostrobin, pyraoxystrobin, pyribencarb, trifloxystrobin, 2-(ortho- ((2,5-Dimethylphenyl-oxymethylen)phenyl)-3-methoxy-acrylic acid methyl ester, 2-(2- (3-(2,6-dichlorophenyl)-1-methyl-allylideneaminooxymethyl)-phenyl)-2-methoxyimino-N-methyl-acetamide in synergistic effective amounts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.643/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE PREPARATION OF 2,5-FURANDICARBOXYLIC ACID AND ESTERS THEREOF

(51) International classification :C07D 307/40
(31) Priority Document No :61/249,400
(32) Priority Date :07/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/NL2010/050653
Filing Date :06/10/2010
(87) International Publication No :WO/2011/043660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)SCHAMMEL WAYNE PAUL
3)GRUTER GERARDUS JOHANNES MARIA
4)DAM, MATHEUS ADRIANUS

(57) Abstract :

The application describes a method for the preparation of 2,5-furandicarboxylic acid (FDCA) and/or an alkyl ester of FDCA comprising the step of contacting a feed comprising a starting material selected from 5-alkoxymethylfurfural, 2,5-di(alkoxymethyl)furan and a mixture thereof with an oxidant in the presence of an oxidation catalyst. The feed may also comprise 5-hydroxymethylfurfural as a further starting material.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.682/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ECHO CANCELLER WITH ADAPTIVE NON-LINEARITY

(51) International classification :G10L21/02
(31) Priority Document No :1943/MUM/2009
(32) Priority Date :24/08/2009
(33) Name of priority country :India
(86) International Application No :PCT/IB2010/053806
Filing Date :24/08/2010
(87) International Publication No :WO/2011/024120
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)UDAYAN KANADE

(57) Abstract :

An echo canceller (1399) with adaptive non-linearity is disclosed. In an embodiment, an incoming signal (1301) coming in from the far end is passed to a probe signal adder, which may add a probe signal to the incoming signal and may perform other signal conditioning before passing the signal to a playback device (1304). A recording device (1310) picks up a part of the signal generated by the playback device and also picks up other sounds/physical phenomena from its environment. An echo remover creates an estimate of the signal picked up by the recording device from its environment alone without the signal generated by the playback device. The echo remover creates this estimate by using the signal going towards the playback device and the signal recorded by the recording device. A linear filter estimator (1342) generates an estimate of the linear filter section of the environment, which may be used by the echo remover.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.659/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WEARING ARTICLE

(51) International classification	:A61F13/15,A61F13/49
(31) Priority Document No	:2009-228873
(32) Priority Date	:30/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005797
Filing Date	:27/09/2010
(87) International Publication No	:WO/2011/039988
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TAKINO, SHUNSUKE

2)MASAKI, SHUNSUKE

(57) Abstract :

The present invention aims to provide a wearing article adapted to prevent unintentional displacement of a crotch region relative to front and rear waist regions by elastics attached to the crotch region. A diaper 10 includes front and rear waist members 20, 30, a crotch member 40 by the intermediary of which the front and rear waist members 20, 30 are connected with each other. The rear waist member 30 is formed with a waist fit section 30a and an appendix section 30b. Of the crotch member 40, front and rear ends including front and rear end flaps 45, 46 are bonded to the front and rear waist members 20, 30, respectively, to form front and rear bonded regions 61, 62. Both side flaps 49 are provided on respective inner surfaces thereof with gasket elastics 71 attached thereto. Each of the gasket elastic 71 overlaps at one end 71a with a part of the front waist elastic 26 and overlaps at the other end 71b with a part of the appendix section elastic 51. Furthermore, the one end 71a overlaps with the front bonded region 61 and the other end 71b overlaps with the rear bonded regions 62.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.683/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SINTER COOLER

(51) International classification :C22B1/26,F27B21/02,
(31) Priority Document No :10 2009 048 722.0
(32) Priority Date :08/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005520
Filing Date :08/09/2010
(87) International Publication No :WO/2011/042102
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CHAMBERS ALAN

(57) Abstract :

This invention relates to a sinter cooler of a sintering plant for use in metallurgy, comprising a cooling-air chamber (1) and a sinter cooling chamber (3) including a perforated plate (2) which can travel over the same, and comprising a cooling gas seal (4) between the upper surface of the cooling-air chamber (1) and the lower surface of the sinter cooling chamber (3), in which the cooling gas seal (4) as a stationary sealing support of the cooling-air chamber wall (17) for sealing elements (6) of an elastomeric material carried along with the sinter cooling chamber (3) includes a sealing strip (5) with substantially round, preferably circular cross-section.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.684/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SINTER COOLER

(51) International classification :C22B1/26,F27B21/02,
(31) Priority Document No :10 2009 048 723.9
(32) Priority Date :08/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005519
Filing Date :08/09/2010
(87) International Publication No :WO/2011/042101
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)CHAMBERS ALAN

(57) Abstract :

This invention relates to a sinter cooler of a sintering plant for use in metallurgy, comprising a cooling-air chamber (3) and a sinter cooling chamber (1) including a perforated or slotted base plate (4), which can travel over the same e.g. by means of bogie wheels (2) running on a rail track, and comprising a cooling gas seal (5) including lower sealing walls (9), which extends between the cooling-air chamber (3) and the sinter cooling chamber (1) in the vicinity of the base plate wheel axle (7), wherein the cooling gas seal (5) carried along with the sinter cooling chamber (1) includes inner skirting plates (8) and/or outer sealing elements (6) each inserted into the sealing walls (9), wherein the respective skirting plate (8) or the respective sealing element (6) encloses the base plate wheel axle (7) with snug fit and is mounted on the sealing wall (9) so as to be freely movable relative to the base plate wheel axle (7).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.685/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : EXCAVATOR TOOTH RETENTION DEVICE

(51) International classification	:E02F 9/28
(31) Priority Document No	:61/272,487
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001470
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/038482
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KNIGHT,GARRET ,D.

(57) Abstract :

A tooth retention device (16) for attachment to an excavator bucket (10), which has a tooth mounting portion (20), a fork shaped body (22, 24) fitting over the edge (12) of the bucket (10), a clamp (32) passing through the body (22, 24) and the bucket (10), and a wedge (38) holding the clamp (32) in position, in which the wedge has a threaded rod (46) and (72) and a threaded block (50) on the rod (68). The rod (68) is rotatable to move the block (50) between locked and released positions.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.673/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING A PYRIMIDINEONE DERIVATIVE

(51) International classification :A61K 31/519
(31) Priority Document No :757/MUM/2010
(32) Priority Date :22/03/2010
(33) Name of priority country :Switzerland
(86) International Application No :PCT/IB2011/000605
Filing Date :21/03/2011
(87) International Publication No :WO/2011/117711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DHUPPAD ULHAS
2)CHAUDHARI , SUNIL

(57) Abstract :

The present patent application relates to a pharmaceutical composition comprising a fused pyrimidineone derivative having transient receptor potential modulating activity and a hydrophilic carrier.

No. of Pages : 40 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.674/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NONWOVEN FABRIC

(51) International classification	:D04H 1/54
(31) Priority Document No	:2009-235513
(32) Priority Date	:09/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066134
Filing Date	:17/09/2010
(87) International Publication No	:WO/2011/043180
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MIZUTANI,SATOSHI

2)GODA,HIROKI

3)ISHIKAWA,HIDEYUKI

4)OBA,TORU

(57) Abstract :

Nonwoven fabric having formed on the surface thereof ridges and troughs extending parallel to each other in one direction, the nonwoven fabric being configured so that a bodily fluid is prevented from accumulating in the ridges. A nonwoven fabric (1) is formed by fusion bonding together short fibers (11) which are thermoplastic synthetic fibers. Ridges (6) and troughs (7) which extend parallel to each other are formed on the surface (2) of the nonwoven fabric. The ridges (6) include first ridges (6a), the height of which from the rear surface (3) of the nonwoven fabric (1) is large, and second ridges (6b), the height of which is small. The densities of the first ridges (6a), the second ridges (6b), and the troughs (7) of the nonwoven fabric (1) are higher in that order. The first ridges (6a) are formed so that the density of the first ridges (6a) when the first ridges (6a) are compressed toward the rear surface (3) to have the same height as the second ridges (6b) is lower than the density of the second ridges (6b).

No. of Pages : 40 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.675/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE PREPARATION OF 2,5-FURANDICARBOXYLIC ACID AND FOR THE PREPARATION OF THE DIALKYL ESTER OF 2,5-FURANDICARBOXYLIC ACID

(51) International classification	:CO7D307/68
(31) Priority Document No	:61/249,395
(32) Priority Date	:07/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NL2010/050654
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/043661
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MUNOZ DE DIEGO, CESAR

2)DAM MATHEUS ADRIANUS

3)GRUTER GERARDUS JOHANNES MARIA

(57) Abstract :

The application describes a method for the preparation of 2,5-furan dicarboxylic acid comprising the step of contacting a feed comprising a compound selected from the group consisting of 5-hydroxymethylfurfural (HMF), an ester of 5-hydroxymethyl-furfural, 5- methylfurfural, 5-(chloromethyl)furfural, 5-methylfuroic acid, 5-(chloromethyl)furoic acid, 2,5- dimethylfuran and a mixture of two or more of these compounds with an oxidant in the presence of an oxidation catalyst at a temperature higher than 140 0C.

No. of Pages : 13 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.686/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : EQUIPMENT CABINET

(51) International classification	:H05K 7/20
(31) Priority Document No	:0916472.4
(32) Priority Date	:21/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/001757
Filing Date	:01/01/1900
(87) International Publication No	:WO/2011/033270
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)REDSHAW , STUART PETER

(57) Abstract :

An equipment cabinet (100) having an air cooling system comprising: an air inlet (101) extending across an outer wall (102) of the cabinet; an air inlet filter (103) disposed between opposing first and second side panels (104, 105) forming the outer wall of the cabinet; and a fan (106) arranged to draw air through the filter and into an internal volume (107) of the cabinet for cooling equipment (108) contained therein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.687/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSMISSION METHOD, DETECTION METHOD AND EQUIPMENT FOR CONTROL CHANNELS OF A RELAY SYSTEM

(51) International classification	:H04B 7/14
(31) Priority Document No	:200910235533.7
(32) Priority Date	:29/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077490
Filing Date	:01/01/1900
(87) International Publication No	:WO/2011/038687
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
Address of Applicant :NO.40 XUEYUAN ROAD,HAIDIAN DISTRICT,BEIJING 100191,P.R.CHINA .

(72)**Name of Inventor :**
1)SHEN ZUKANG
2)PAN XUEMING
3)XIAO GUOJUN
4)WANG LIBO
5)ZHANG WENJIAN

(57) Abstract :

A configuration method, detection method and equipment for control channels of a relay system are provided in the present invention. The configuration method comprises: the network side transmits a Relay-Physical Downlink Control Channel (R-PDCCH) of a control channel to its service relay equipment, the related control information of said relay equipment is included in said R-PDCCH, said R-PDCCH is a dedicated R-PDCCH of said relay equipment (402). In the present invention, the dedicated control channel of the relay system is configured according to the number of Orthogonal Frequency Division Multiplexing (OFDM) symbols occupied by a R-PDCCH, and the mapping from a R-PDCCH/Relay-Physical Downlink Shared Channel (R-PDSCH) to a Resource Element (RE), and the demand that one relay node dedicates a R-PDCCH is satisfied.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.690/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND PLANT FOR REPROCESSING WASTE SULPHURIC ACIDS FROM NITRIDING PROCESSES

(51) International classification :C01B17/94,C01B21/46
(31) Priority Document No :09011773.0
(32) Priority Date :15/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/005512
Filing Date :08/09/2010
(87) International Publication No :WO/2011/032659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DE DIETRICH PROCESS SYSTEMS GMBH
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(72)Name of Inventor :
1)DICHTL, GOTTFRIED
2)STEEG, HARALD

(57) Abstract :

The invention relates to a method for reprocessing waste acid from methods for producing nitroaromatics, in particular for producing dinitrotoluene (DNT) or trinitrotoluene (TNT), to recover concentrated and purified sulfuric acid and nitric acid, wherein in a first stage, the waste acid is separated in a stripping column countercurrently with water vapor from the bottom of the stripping column into at least one vapor phase, which contains nitric acid and possibly nitro-organics, and a pre-concentrated sulfuric acid, and the vapor phase and the pre-concentrated sulfuric acid are condensed and/or reprocessed in downstream method stages, wherein in the first stage of the method, in addition to the stripping, according to the invention the nitric acid contained in the stripping vapor is concentrated in the presence of additional concentrated sulfuric acid so that nitric acid in a highly concentrated form suitable for feeding back into the nitriding process is obtained directly in the first stage.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.691/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD,SYSTEM AND APPARTUS FOR TRANSMITTING CHANNEL QUALITY INDICATOR INFORMATION OF MULTIPLE USER TERMINALS

(51) International classification	:H04W 68/00	(71) Name of Applicant :
(31) Priority Document No	:200910091275.X	1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
(32) Priority Date	:17/08/2009	Address of Applicant :NO.40 XUEYUAN ROAD,HAIDIAN DISTRICT,BEIJING 100191,P.R.CHINA .
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2010/001248	1)SHEN , ZUKANG
Filing Date	:01/01/1900	2)PAN , XUEMING
(87) International Publication No	:WO/2011/020297	3)LIN , YANAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provide are a method, a system and an apparatus for transmitting channel quality indicator information of multiple user terminals. The method includes: at least two user terminals transmit their own channel quality indicator information using the same time and frequency resources, wherein the time and frequency resources include at least one frequency-domain unit in frequency domain and at least two sets of data time-domain units in time domain, each set of data time-domain units including at least two data time-domain units; and the channel quality indicator information of each user terminal is transmitted on at least one set of data time-domain units by means of time-domain Code Division Multiple Address. Therefore, it is possible to adjust the transmitted bits according to size of the channel quality indicator information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.692/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHYLPYRROLOPYRIMIDINECARBOXAMIDES

(51) International classification :C07D 487/04
(31) Priority Document No :09168685.7
(32) Priority Date :26/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/062329
Filing Date :24/08/2010
(87) International Publication No :WO/2011/023693
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NYCOMED GMBH

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(72)Name of Inventor :

1)JOSEF STADLWIESER

2)BEATE SCHMIDT

3)HEIKO BERNSMANN

4)TORSTEN DUNKERN

5)EWALD BENEDIKTUS

6)ANDREAS PAHL

7)RAGNA HUSSONG

8)OLAF NIMZ

9)MATTHIAS MULLER

10)MARTIN VIERTELHAUS

(57) Abstract :

The compounds of formula (I) wherein R1, R2, R21, R22, R23, R24, Y and R3 have the meanings as given in the description, the salts thereof, and the stereoisomers of the compounds and the salts thereof are effective inhibitors of the type 5 phosphodiesterase.

No. of Pages : 461 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.703/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COARSE PIGMENT ADDITION AND HIGH SOLIDS SLURRIES FOR HIGHER COATING COLOUR CONCENTRATIONS

(51) International classification	:D21H 17/67
(31) Priority Document No	:09170864.4
(32) Priority Date	:21/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP1010/063866
Filing Date	:21/09/2010
(87) International Publication No	:WO/2011/033119
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)OMYA DEVELOPMENT AG
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(72)Name of Inventor :
1)BLUVOL, GUILLERMO
2)KAESSBERGER, MICHAEL
3)GANE, PATRICK A.C.

(57) Abstract :

Coarse pigment addition and high solids slurries for higher coating colour concentrations The present invention relates to an aqueous slurry comprising natural ground calcium carbonate which has a percentage P5 by weight of particles having a diameter of less than 5.0 urn of from 98.5 % to 90 %, a percentage P2 by weight of particles having a diameter of less than 2.0 urn of from 96 % to 80%; wherein the ratio of P2/P5 is from 0.98 to 0.85, and wherein the slurry has a solids content of more than 78 wt%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.668/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR REDUCING ALCOHOL-INDUCED DOSE DUMPING

(51) International classification :A61K 9/28
(31) Priority Document No :2154/MUM/2009
(32) Priority Date :17/09/2009
(33) Name of priority country :India
(86) International Application No :PCT/IN2010/000604
Filing Date :09/09/2010
(87) International Publication No :WO/2011/039768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)ROY , SUNILENDU , BHUSHAN
2)KULKARNI ,SUSHRUT KRISHNAJI
3)PANCHAL ,MAULIK KIRITKUMAR
4)SHAH ,KARTIK YOGESHKUMAR

(57) Abstract :

A pharmaceutical composition is disclosed. The composition comprises a core comprising an active substance or a salt thereof; a separating layer comprising at least one sugar; and a functional layer comprising at least one pharmaceutically acceptable polymer, wherein the composition is resistant to dose dumping in presence of alcohol.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.689/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR LOADING CHEMICAL REACTOR TUBES

(51) International classification	:B01J 8/00
(31) Priority Document No	:60/723,028
(32) Priority Date	:03/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/037952
Filing Date	:27/09/2006
(87) International Publication No	:WO/2007/041254
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:622/MUMNP/2008
Filed on	:01/04/2008

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2)SYMPSON , DANIEL,D.

3)DATTILO,AUGUST,M.,III

4)CHASMAWALA ,MUNAF,NAJMUDDIN

5)SCHMIDT,MANFRED

(57) Abstract :

A device and method for loading pellets into chemical reactor tubes.

No. of Pages : 72 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.707/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CHAIN CURING RESIN COMPOSITION AND FIBER-REINFORCED COMPOSITE MATERIAL

(51) International classification	:C08G 59/24,C08J 5/04
(31) Priority Document No	:2009-234249
(32) Priority Date	:08/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067352
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/043288
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ATSUSHI NOHARA

2)MANABU KANEKO

3)NORIYA HAYASHI

(57) Abstract :

Provided is a chain curing resin composition which can be molded by the RTM process. The chain curing resin composition can be molded with low energy consumption in a short time and can provide cured products with excellent mechanical strengths. The chain curing resin composition comprises (A) an alicyclic epoxy compound that has two cyclohexene oxide groups in the molecule and (B) a specific modified bisphenol A type epoxy resin, the content of the alicyclic epoxy compound (A) being 25 to 90% by mass when the total amount of the components (A) and (B) is taken as 100% by mass.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.708/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MANUAL INSTRUMENTED MEDICAL TOOL SYSTEM

(51) International classification	:A61B 19/00
(31) Priority Document No	:61/272,296
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001409
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/029190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)UNIVERSITY HEALTH NETWORK

(72)Name of Inventor :

1)GOLDENBERG, ANDREW A.

2)TRACHTENBERG, JOHN

3)YANG, YI

4)MA, LIANG

(57) Abstract :

A medical device is for use in association with a medical image of the gland or organ having a known reference point. The medical device comprises a structural frame, a horizontal joint, a vertical joint, a pan joint, a tilt joint a medical instrument assembly and a control system. The medical device is positioned at a predetermined location relative to the medical image reference point. Each of the horizontal joint, the vertical joint, the pan joint and the tilt joint have a position sensor and are operably connected to the frame. The medical instrument assembly is operably connected to a sensor and to the horizontal joint, the vertical joint, the pan joint and the tilt joint. The control system is operably connected to the other elements whereby the control system determines the position of a predetermined location on the medical instrument assembly relative to the structural frame.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.709/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PREVENTING OR REDUCING SCALE IN WET-PROCESS PHOSPHORIC ACID PRODUCTION

(51) International classification	:C01B 25/22
(31) Priority Document No	:61/245,713
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050086
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/038167
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAVISHANKAR, SATHANJHERI
2)WANG, BING

(57) Abstract :

Methods for preventing or reducing the formation of scale in a wet-process phosphoric acid production process by intermixing a water-soluble functional organic reagent with a phosphoric acid at one or more step of the phosphoric acid production process in an amount sufficient to prevent or reduce at least one species of scale are provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.711/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NOVEL HEPARIN ENTITIES AND METHODS OF USE

(51) International classification :A61L 29/08

(31) Priority Document No :12/561,927

(32) Priority Date :17/09/2009

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

(86) International Application No :PCT/US2010/049078

Filing Date :16/09/2010

(87) International Publication No :WO/2011/035001

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BIRAN, ROY

2)CLAUDE, CHARLES, D.

3)CLEEK, ROBERT, L.

4)DRUMHELLER, PAUL, D.

5)LI, MEI

6)MARDIROSIAN, NORA

(57) Abstract :

The present invention relates to immobilized biologically active entities that retain a significant biological activity following manipulation. The invention also comprises a medical substrate comprising a heparin entity bound onto a substrate via at least one heparin molecule, wherein said bound heparin entity is heparinase-1 sensitive.

No. of Pages : 63 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.693/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR THE N-DEMETHYLATION OF N-METHYL HETEROCYCLES

(51) International classification :C07D 451/00

(31) Priority Document No :2009904493

(32) Priority Date :16/09/2009

(33) Name of priority country :Australia

(86) International Application No :PCT/AU2010/001204

Filing Date :16/09/2010

(87) International Publication No :WO/2011/032214

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MONASH UNIVERSITY

Address of Applicant :WELLINGTON ROAD,
CLAYTON,VICTORIA 3168 AUSTRALIA.

(72)Name of Inventor :

1)SCAMMELLS,PETER JOHN

2)ORBELL , GAIK

(57) Abstract :

The present invention provides methods of N-demethylating, N-methylated heterocycles and N-methyl, N-oxide heterocycles using a transition metal with an oxidation state of zero, ferrocene or substituted derivatives thereof, or Cr 3+ . N-demethylated heterocycles prepared by the methods of the present invention are also provided.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.694/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENGINEERED MICROPARTICLES FOR MACROMOLECULE DELIVERY

(51) International classification	:A61K47/36,A61K47/30	(71)Name of Applicant :
(31) Priority Document No	:61/241,259	1)UNIVERSITY OF PITTSBURGH-OF THE
(32) Priority Date	:10/09/2009	COMMONWEALTH SYSTEM OF HIGHER EDUCATION
(33) Name of priority country	:U.S.A.	Address of Applicant :200 GARDNER STEEL
(86) International Application No	:PCT/US2010/048465	CONFERENCE CENTER, THACKERAY AND O'HARA
Filing Date	:10/09/2010	STREETS, PITTSBURGH,PA 15260 UNITED STATES OF
(87) International Publication No	:WO/2011/031996	AMERICA.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number	:NA	1)LITTLE , STEVEN , R.
Filing Date	:NA	2)ROTHSTEIN , SAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for making a modified release composition, comprising: selecting a desired active agent and polymer matrix for formulating into a modified release composition; assessing degradation effect on release of the active agent from the composition including plotting polymer molecular weight (Mwr) at onset of active agent release vs. active agent molecular weight (MwA); predicting performance of multiple potential formulations for the composition based on the degradation assessment and average polymer matrix initial molecular weight (Mwo) to define a library of building blocks; determining the optimal ratio of the building blocks to satisfy a specified release profile; and making a modified release composition based on the optimal ratio determination.

No. of Pages : 62 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.695/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BLADDER CANCER SPECIFIC LIGAND PEPTIDES

(51) International classification :C07K7/06
(31) Priority Document No :61/245,492
(32) Priority Date :24/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050037
Filing Date :23/09/2010
(87) International Publication No :WO/2011/038142
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
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(72)**Name of Inventor :**
1)PAN,CHONG-XIAN
2)ZHANG , HONGYONG
3)LAM,KIT S.
4)AINA , OLULANU H.
5)N/A

(57) Abstract :

The present invention is directed to bladder cancer specific ligand peptides, comprising the amino acid sequence X1DGRX5GF (SEQ ID NO:1), and methods of their use, e.g., for imaging detection for diagnosis of bladder, tumor localization to guide transurethral resection of bladder cancer, imaging detection of bladder cancer for follow-up after the initial treatment that can replace or complement costly cystoscopy, imaging detection of metastatic bladder cancer, and targeted therapy for superficial and metastatic bladder cancer.

No. of Pages : 81 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.716/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HAIR CURLING DEVICE, KIT AND METHOD

(51) International classification	:A45D 2/14,A45D 4/12
(31) Priority Document No	:GB0914685.3
(32) Priority Date	:21/08/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/001589
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/021013
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)OLIVER SUNDERLAND
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YORKSHIRE (GB).
(72)**Name of Inventor :**
1)OLIVER SUNDERLAND

(57) Abstract :

A method of curling hair comprises coiling a portion of hair around an elongate rod (10) formed of heat resistant material and applying a heated hair styling iron (20) to the hair to heat the hair for a period of time sufficient to set the curl in the hair. The hair styling iron and the rod are then removed from the hair. The invention further includes a hair curling device comprising a rod as well as a kit for curling hair comprising a hair curling device of the invention and a hair styling iron.

No. of Pages : 27 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.718/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIODEGRADABLE CIGARETTE FILTER TOW AND ITS PROCESS OF MANUFACTURE

(51) International classification	:A24D 3/10
(31) Priority Document No	:0918633.9
(32) Priority Date	:23/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051562
Filing Date	:17/09/2010
(87) International Publication No	:WO/2011/048397
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MARSHALL, COLIN
2)MOFFAT, JAMIE

(57) Abstract :

The present invention concerns a biodegradable cigarette filter tow comprising composite filaments of cellulose and cellulose acetate, and a process for making such a filter tow comprising providing a solution dope comprising a blend of cellulose and cellulose acetate in an ionic liquid or in N-methylmorpholine-N-oxide (NMMO), and spinning casting the blend into a protic solvent to generate fibres or films, and converting the fibres or films into cigarette filter tow. The invention also concerns cigarette filters and cigarettes made from such a filter tow.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.704/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ATTACHMENT SYSTEM OF PHOTOVOLTAIC CELLS TO FLUOROPOLYMER STRUCTURAL MEMBRANE

(51) International classification :H01L 31/042

(31) Priority Document No :61/240,843

(32) Priority Date :09/09/2009

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

(86) International Application No :PCT/US2010/047655

Filing Date :02/09/2010

(87) International Publication No :WO/2011/031618

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)SAHLIN, KATHERINE, M.

2)DERY, MARCEL

3)CUSHMAN, MICHAEL, P.

(57) Abstract :

The invention describes an extensible membrane system to which a photovoltaic device is secured.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.713/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ANTIMICROBIAL PARTICLE AND A PROCESS FOR PREPARING THE SAME

(51) International classification :C11D 3/48
(31) Priority Document No :2222/MUM/2009
(32) Priority Date :24/09/2009
(33) Name of priority country :India
(86) International Application No :PCT/EP2010/062618
Filing Date :30/08/2010
(87) International Publication No :WO/2011/036031
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BHATTACHARYA ARPITA
2)GHOSH DASTIDAR SUDIPTA
3)IYER VIDULA
4)JAYARAMAN SURESH SAMBAMURTHY
5)SAJI MAYA TREESA

(57) Abstract :

This invention relates to a bipolar antimicrobial particle for use in laundry detergent compositions, fabric conditioners, personal care and cosmetic compositions and a process for making the same. In view of the foregoing, it is an object of the present invention to provide a stabile antimicrobial agent immobilised on a carrier particle. It is a further objective to provide an antimicrobial particle with improved retention to the fabric so that larger amounts of antimicrobial will be available even after rinsing. Surprisingly it has been found that antimicrobial molecules tagged by surface reaction onto naturally occurring asymmetric clay surfaces, act as an antimicrobial particle with improved retention properties with improved stability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.715/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VESICULAR FORMULATIONS

(51) International classification	:A61K 51/00
(31) Priority Document No	:61/235,992
(32) Priority Date	:21/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046245
Filing Date	:20/08/2010
(87) International Publication No	:WO/2011/022707
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HENRY, WILLIAM

(57) Abstract :

Disclosed herein are vesicular formulations that include one or more phospholipids and one or more surfactants and in certain embodiments the use of such formulations for the delivery of fatty acids for the treatment of disorders such as, fatty acid metabolic disorders, including essential fatty acid deficiency; pain or inflammation or osteoarthritis, more specifically for the treatment of deep tissue pain; asthma, bronchospasm, atherothrombotic cardiovascular disorders, venous thrombotic disorders, inflammatory dermatoses disorders (e.g., atopic eczema, dishydrotic hand eczema, plaque type psoriasis, seborrheic eczema, and acne vulgaris), and dysmenorrhea.

No. of Pages : 120 No. of Claims : 122

(12) PATENT APPLICATION PUBLICATION

(21) Application No.722/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR PHASING THREADED GRINDING STONE

(51) International classification :B24B 49//10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/066769

Filing Date :28/09/2009

(87) International Publication No :WO/2011/036791

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES, LTD.

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(72)Name of Inventor :

1)YANASE YOSHIKOTO

2)ISHIZU KAZUYUKI

3)TANI TOMOHITO

(57) Abstract :

Provided is a device for phasing a threaded grinding stone, the aforementioned device being configured in a simple manner and capable of accurately phasing the threaded grinding stone with respect to a gear to be machined or to a dresser. For the purpose of achieving the above, a threaded grinding stone (14) is phased with respect to a workpiece (W) or a disk dresser (32) prior to the engagement of the threaded grinding stone (14) with the workpiece (W) or with the disk dresser (32) during grinding or dressing. In performing this phasing, it is detected, by means of an AE fluid sensor (42) provided to a grinding stone head (11) which rotatably supports the threaded grinding stone (14), whether the threaded grinding stone (14) has had contact with the workpiece (W) or the disk dresser (32). Subsequently, on the basis of the phase of the threaded grinding stone (14) at the time when contact was detected, the threaded grinding stone (14) is positioned in a phase where the aforementioned engagement is feasible.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.723/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GEAR GRINDING MACHINE

(51) International classification	:B24B 53/075
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/066951
Filing Date	:29/09/2009
(87) International Publication No	:WO/2011/039838
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)OCHI MASASHI

2)YANASE YOSHIKOTO

(57) Abstract :

Provided is a gear grinding machine the maintainability of which can be improved and which is capable of being miniaturized. More specifically, provided is a gear grinding machine wherein a threaded grinding stone (17) and a workpiece (W) are engaged with each other and are rotated in this state, resulting in the workpiece (W) being ground, and wherein between a dressing position (P2) where the threaded grinding stone (17) can be dressed and a retreat position (P1) to which a retreat is made from the dressing position (P2) during grinding, a disk dresser (66) which, by being driven into rotation, dresses the threaded grinding stone (17) is swung about an axis (C2) which is parallel to an axis (C1) that is the rotational axis for the workpiece (W) and which intersects, at right angles, the direction in which the threaded grinding stone (17) is fed toward the workpiece (W).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.688/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AGGREGATE DETECTION DEVICE AND CONCRETE MIXING PLANT USING THE SAME

(51) International classification :B28C 7/02
(31) Priority Document No :CN200920217680.7
(32) Priority Date :30/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074268
Filing Date :01/01/1900
(87) International Publication No :WO/2011/038594
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)HUANG XIANGYANG
2)JIANG ZHIHUI
3)ZHANG JIAQIAO
4)HUANG SHENHAI

(57) Abstract :

An aggregate detection device and a concrete mixing plant using the same are provided. The aggregate detection device comprises a bin level controller (3), a driving medium (5) and a detector (6). One end of the driving medium (5) is connected to the bin level controller (3), and the other end is connected to the detector (6). The aggregate detection device can automatically detect the level of aggregate in an aggregate storage bin (1), so as to exactly and reliably control a valve (8) of the aggregate storage bin (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.705/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING PRESSURE ENHANCEMENT

(51) International classification :A61F 13/00

(31) Priority Document No :200508

(32) Priority Date :20/08/2009

(33) Name of priority country :Israel

(86) International Application No :PCT/IL2010/000678

Filing Date :19/08/2010

(87) International Publication No :WO/2011/021201

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BAR-NATAN, BERNARD

(57) Abstract :

There is provided an apparatus for applying pressure to a wound, the apparatus comprising a main body portion having a top panel and two sides, the apparatus is adapted to be positioned on a dressing opposing a wound, such that the top panel is essentially parallel to a surface of a dressing. There is further provided a bandage comprising an elongated web, adapted to be folded upon itself, a dressing disposed on a wound surface of the web and a pressure enhancement member adapted to be directly or indirectly the dressing opposite the wound, wherein the pressure enhancement member comprises a main body portion having a top panel and two sides, the top panel is essentially parallel to the dressing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.710/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE ACTIVATION OF CDTE THIN FILMS FOR THE APPLICATION IN CDTE/CDS TYPE THIN FILM SOLAR CELLS

(51) International classification	:H01L 31/0296
(31) Priority Document No	:FI2009A000220
(32) Priority Date	:13/10/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/054587
Filing Date	:11/10/2010
(87) International Publication No	:WO/2011/045728
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ROMEO, NICOLA

2)ROMEO, ALESSANDRO

3)BOSIO, ALESSIO

(57) Abstract :

A method for the activation of CdTe films used in CdTe/CdS type thin film solar cells, in which a CdTe film is treated with a mixture formed by a fluorine-free chlorinated hydrocarbon and a gaseous chlorine-free fluorinated hydrocarbon, both said compounds being harmless to the ozone layer. In particular, the chlorinated hydrocarbon is 1-chlorobutane, 1,1,2-trichloroethylene or dichloromethane and the fluorinated hydrocarbon is 1,1,1,2-tetrafluoroethane, trifluoromethane or 1,1- difluoromethane.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.719/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIODEGRADABLE FIBRE AND ITS PROCESS OF MANUFACTURE

(51) International classification	:D01F 2/00
(31) Priority Document No	:0918633.9
(32) Priority Date	:23/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051771
Filing Date	:21/10/2010
(87) International Publication No	:WO/2011/048420
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MARSHALL, COLIN
2)MOFFAT, JAMIE

(57) Abstract :

The present invention concerns a biodegradable fibre comprising composite filaments of cellulose and cellulose acetate, and a process for making such a fibre comprising providing a solution dope comprising a blend of cellulose and cellulose acetate in an ionic liquid or in N-methylmorpholine-N-oxide (NMMO), and spinning casting the blend into a protic solvent to generate fibres. The invention also concerns materials made from such a fibre, and garments or soft furnishings made from such a material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.732/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR PROCESSING A SIGNAL DELIVERED BY A RADIATION DETECTOR

(51) International classification	:H03K 5/08,G01T 1/17
(31) Priority Document No	:0956844
(32) Priority Date	:01/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064569
Filing Date	:30/09/2010
(87) International Publication No	:WO/2011/039312
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)OUVRIER-BUFFET, PATRICE
2)BRAMBILLA, ANDREA

(57) Abstract :

The invention relates to a device for processing a signal delivered by a radiation detector (1), the device comprising a circuit (2, 3) able to deliver a voltage pulse whose amplitude is proportional to a charge detected by the detector (1) and an analog/digital converter (ADC) which digitizes the voltage pulse and delivers digital signals, characterized in that it comprises, downstream of the analog/digital converter (ADC), a processing circuit (5) which comprises: - a unit for reading the digital signals (S(t)) delivered by the analog/digital converter (ADC), - a calculation unit which calculates a temporal variation of the digital signals read, and - a circuit able to capture the digital signals read whose temporal variation reaches a predetermined threshold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.720/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COATING COMPOSITION INCLUDING FLUORESCENT MATERIAL FOR PRODUCING SECURE IMAGES.

(51) International classification	:G03G 13/00
(31) Priority Document No	:61/253,471
(32) Priority Date	:20/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/053068
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/049876
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HEILMAN, KEVIN L.
2)HOEFS, EUGENE
3)RILEY, MICHAEL R.

(57) Abstract :

A coating composition, system, and method for printing documents that are difficult to chemically or physically forge and that are easy to visually verify are disclosed. The system includes a substrate, a toner, including a colorant and a dye, a coating including fluorescent material, e.g., a primary migration-enhancing coating, applied using an offset printing process and optionally a secondary migration-enhancing coating applied using an offset printing process. An image formed using the toner of the invention is readily verified by comparing a colorant-formed image and a dye-formed image and/or to a reverse negative imaged formed by the dye quenching the fluorescent material. In addition, if a solvent is used in an attempt to alter the printed image on the substrate, the dye migrates or diffuses to indicate tampering with the document.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.721/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HYDRAULIC CYLINDER

(51) International classification	:B60R 13/08
(31) Priority Document No	:102009052065.1
(32) Priority Date	:05/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/001218
Filing Date	:14/10/2010
(87) International Publication No	:WO/2011/054330
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)CHEVET, ALEXANDRE
2)DUBAS, RICHARD

(57) Abstract :

The invention relates to a hydraulic cylinder, in particular a master cylinder (1), comprising a device (7L, 7R) for fastening in an opening provided in the firewall (11)/chassis of a vehicle and elements for fastening in an opening of a wall of a pedal box (12), wherein the remaining opening between the master cylinder and the firewall is sealed by an elastic sealing element (7B). According to the invention, the distance between the opening in the firewall and the opening in the wall of the pedal box, in which the master cylinder is accommodated, and the position of said openings with respect to each other are compensated by means of the device, which is fastened to the master cylinder in a positionally fixed manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYMORPHIC FORMS OF MANIDIPINE

(51) International classification	:C07D 211/90
(31) Priority Document No	:1970/MUM/2009
(32) Priority Date	:27/08/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/GB2010/001615
Filing Date	:26/08/2010
(87) International Publication No	:WO/2011/023954
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)RAO, DHARMARAJ, RAMACHANDRA

2)KANKAN, RAJENDRA, NARAYANRAO

3)GHAGARE, MARUTI GANPATI

(57) Abstract :

The invention relates to various new polymorphic forms of manidipine and pharmaceutically acceptable salts thereof. The invention also relates to processes for the preparation of the polymorphic forms of manidipine and pharmaceutically acceptable salts thereof.

No. of Pages : 34 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.735/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHARMACY WASTE IDENTIFICATION LABELING AND DISPOSAL SYSTEM AND RELATED METHOD OF USING

(51) International classification :A61B 19/00

(31) Priority Document No :61/244,270

(32) Priority Date :21/09/2009

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

(86) International Application No :PCT/US2010/049563

Filing Date :21/09/2010

(87) International Publication No :WO/2011/035277

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)DEHLINGER, ANNE, M.

2)BECKER, WILLIAM

(57) Abstract :

The present invention is directed to a tag and labeling system that is used in connection with the disposal of pharmaceutical waste materials that are created in a health care treatment facility. The tag uses a RFID device with an alterable parameter in order to selectively actuate a disposal system to receive a particular type of waste material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.736/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : WASTE WATER PURIFICATION PLANT AND METHOD FOR PURIFYING WASTE WATER

(51) International classification	:C02F 3/30
(31) Priority Document No	:102009039316.1
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005310
Filing Date	:30/08/2010
(87) International Publication No	:WO/2011/023408
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HARTWIG, PETER
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(72)**Name of Inventor :**
1)HARTWIG, PETER

(57) Abstract :

The invention relates to a waste wafer purification plant having a) an intake mixing tank (3), b) a combined reaction and sedimentation tank (1, 2) having a first and a second tank section, c) wherein d) a first connection point (11) is arranged between the intake mixing tank (3) and the first tank section (1) in the lower tank region of the first tank section (1), c2) a first pump (12) is arranged at the first connection point (i 1) and can be actuated to convey return sludge from the first tank section (1) into the intake mixing tank.(3), c3) a first clarified water drain point (13) is arranged k the upper tank.region of the first tank section (I), and d) wherein di) a second connection point (21) is arranged between the intake mixing tank (3) and the second tank section (2) in the lower tank region of the second tank section (2), d2) a second pump (22) is arranged at the second connection point (21) and can be actuated to convey return sindge from the second tank section into the intake mixing tank (3), and d3) a second clarified water drain point (23) is arranged in. the upper tank region of the second tank section (2). The invention also relaies to a method for purifying waste water, in particular for the biological purification of waste water according to the activated sludge process, and to a method for after-treating the activated sludge.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NANOCRYSTAL TITANIUM ALLOY AND PRODUCTION METHOD FOR SAME

(51) International classification	:C22C 14/00,C22F 1/00
(31) Priority Document No	:2009-221214
(32) Priority Date	:25/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066379
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/037127
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LEE, SANG-HAK

2)ONO, YOSHIKO

3)IKAI, KAZUYA

4)MATSUMOTO, HIROAKI

5)CHIBA, AKIHIKO

(57) Abstract :

Disclosed is a Ti alloy having high strength and excellent workability, and which is suitable for materials for various types of manufacturing such as vehicle manufacturing. Also disclosed is a production method for the Ti alloy. The α martensitic phase structure of the alloy is hot worked under conditions in which dynamic recrystallisation occurs. The processing conditions are that the temperature is increased at a heating rate of 50-800°C/sec, the strain rate at 700-800°C is 0.01-10/sec, the strain rate between 800°C and 1000°C noninclusive is 0.1-10/sec, and the strain is 0.5 or more. Thus, equiaxed crystals with an average crystal grain diameter below 1000nm are obtained.

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.726/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TREATMENT SYSTEM OF WET ORGANIC WASTE

(51) International classification	:B09B 3/00,C02F 11/12
(31) Priority Document No	:2009-239069
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068016
Filing Date	:14/10/2010
(87) International Publication No	:WO/2011/046162
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KOBAYASHI, TAKAITSU

(57) Abstract :

Provided is a treatment system whereby a wet organic waste can be effectively treated and CO₂ produced in the course of the treatment can be stabilized to thereby contribute to the reduction of CO₂ emission. The treatment system is characterized by comprising microbiologically fermenting a wet organic waste in a fermenter, combusting in a furnace a fermented material obtained from the fermenter and, at the same time, supplying to the furnace a fermentation gas produced by the microbiological fermentation in the fermenter, and then recovering and stabilizing CO₂ in a hot exhaust gas evolved during the combustion in the furnace.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.737/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR PERMANENTLY RESHAPING THE HAIR BY MEANS OF A MERCAPTOSILOXANE, USE AND COMPOSITION

(51) International classification	:A61K 8/46,A61K 8/899
(31) Priority Document No	:0956762
(32) Priority Date	:29/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064031
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/039097
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)PLOS, GREGORY

2)LERDA, PATRICE

3)BOUCHARA, ANNE

(57) Abstract :

The invention relates to a method for cosmetic treatment of the hair during an operation for permanent waving of the hair, comprising - a step of breaking the keratin disulphide bonds, by application to the keratin fibres of a composition (A) comprising one or more agents which break keratin disulphide bonds, then, optionally, - a fixing step aimed at closing said disulphide bonds again, by application of an oxidizing composition (B) to the keratin fibres in the case of the use of a reducing agent as breaking agent, it being understood that one or more silicones (i) having a molecular weight of less than 10 000 and functionalized with one or more mercapto groups are introduced into the composition (A) and/or into the oxidizing composition (B) and/or applied to the keratin fibres between the step of applying the composition (A) and the step of fixing by applying the oxidizing composition (B), by means of an intermediate composition (C) containing said silicone(s), wherein said method comprises a step of heating the hair at a temperature ranging from 60 to 220°C after application of the silicone(s) (i).

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.755/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR POLYPEPTIDE PURIFICATION

(51) International classification	:C07K 1/16,C07K 1/36
(31) Priority Document No	:09169911.6
(32) Priority Date	:10/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP10/063295
Filing Date	:10/09/2010
(87) International Publication No	:WO/2011/029898
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)WHICKMAN, MARK R.

2)MANSOOR, SAM

(57) Abstract :

The present invention provides a method and automated system for the purification of polypeptides including the direct filtration of solutions containing the polypeptides after purification.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR APPLYING A METAL COATING TO A NON-CONDUCTIVE SUBSTRATE

(51) International classification	:C23C 18/31
(31) Priority Document No	:09171442.8
(32) Priority Date	:28/09/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/005851
Filing Date	:22/09/2010
(87) International Publication No	:WO/2011/035921
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WU, WEI, JIE

2)PAN, KE, LIANG

(57) Abstract :

Described is a new process for applying a metal coating to a non-conductive substrate comprising the steps of (a) contacting the substrate with an activator comprising a noble metal/group IVA metal sol to obtain a treated substrate, (b) contacting said treated substrate with a composition comprising a solution of: (i) a Cu(II), Ag, Au or Ni soluble metal salt or mixtures thereof, (ii) 0.05 to 5 mol/l of a group IA metal hydroxide and (iii) a complexing agent for an ion of the metal of said metal salt comprising an organic material having a cumulative formation constant log K of from about 0.73 to about 21.95 for an ion of the metal of said metal salt, characterised in that the composition according to step (b) is treated with an electrical current for a period of time prior to and / or during contacting said solution with the substrate.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.758/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-230041
(32) Priority Date	:01/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/005925
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/040046
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SAKAGUCHI, SATORU

2)OKU, TOMOMI

3)MATSUSHIMA, HIDEKI

(57) Abstract :

A disposable diaper includes: a main body having a liquid-permeable topsheet, a liquid-impermeable outer sheet an absorber provided between the topsheet and the outer sheet, and a gather. The .gather includes a plurality of elastic members arranged in a width direction outboard of the absorber. The elastic members are fixed to the gather in a state where the elastic members are stretched in a longitudinal direction. A side flap is located in one of end portions of the main, body in the longitudinal direction and projects outwardly beyond at least one of end portions of the main body in the width direction. A joint portion joins the side flap and the main body. In a spread-out state of the disposable diaper, an outermost elastic member among the elastic members is arranged outboard of the joint portion in the width direction

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.759/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A SUPERCHARGER WITH TWO INTERMESHING ROTORS AND DISC CLUTCH

(51) International classification	:F02B 39/12
(31) Priority Document No	:0950723.7
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/051037
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/040869
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)PETTERSSON, ROBERT
2)HAGGLUND, HENRIK

(57) Abstract :

The invention concerns a supercharger that has two rotors engaging into each other and is provided with a disc clutch. The disc clutch has driving (9) and driven (12) clutches connected with a drive shaft (7) and with one of the rotors, respectively. Furthermore, there is an axially displaceable pressing body (15) as well as actuation device (13) for the same and a deactuation spring (17). According to the invention, the disc clutch comprises a stop device (18, 19) that limits the axial movement of the pressing body (15) in the deactuation direction. The stop device (18, 19) consists of an impact means (18) on the pressing body (15) or on the driven clutch holder (11) and a stop means (19) on the other component. The impact means (18) is axially fixed while the stop means (19) is attached by a friction joint.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.760/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ELECTROLYTIC CATHODE STRUCTURE AND ELECTROLYZER USING THE SAME

(51) International classification	:C25B 9/04,C25B 11/08
(31) Priority Document No	:2010-200000
(32) Priority Date	:07/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP11/050063
Filing Date	:05/01/2011
(87) International Publication No	:WO/2012/032793
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MADONO AKIHIRO

2)OKAMOTO MITSUMASA

(57) Abstract :

Provided are an electrolytic cathode structure that can suppress the degradation of an activated cathode even if a reverse current flows upon the stoppage of operation of an electrolyzer in an electrode structure allowing the distance between the electrode and an electrode current collector to be maintained at an approximately constant value, and an electrolyzer using the same. The electrolytic cathode structure includes a metal elastic cushion member 1 compressed and accommodated between an activated cathode 2 and a cathode current collector 3. At least a surface layer of the cathode current collector 3 consumes a larger oxidation current per unit area than the activated cathode. The electrolyzer is partitioned by an ion exchange membrane into an anode chamber for accommodating an anode and a cathode chamber for accommodating a cathode. The electrolytic cathode structure is used for the cathode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.756/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR PREPARING PYRIMIDINE DERIVATIVES USEFUL AS PROTEIN KINASE INHIBITORS

(51) International classification :C07D 475/00
(31) Priority Document No :61/245,773
(32) Priority Date :25/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB10/002655
Filing Date :24/09/2010
(87) International Publication No :WO/2011/036566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
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2)DURRANT, STEVEN
3)O'DONNELL, MICHAEL

(57) Abstract :

A method of preparing a compound represented by Structural Formula (I), or a pharmaceutically acceptable salt thereof wherein the variables of Structural Formula (T) are as described in The specification and claims, comprises the steps of: a) reacting a compound represented by Structural Formula (A) with FTNRJR7 under suitable conditions to form a compound represented by Structural Formula (B); and b) i) when R12 is -NO₂, and RH is -OR14: 1) cyclizing the compound represented by Structural Formula (B) under suitable cyclisation conditions to form a compound represented by Structural Formula (II); and 2) optionally reacting the compound represented by Structural Formula (H) with R9-LG₂, wherein LG₂ is a suitable leaving group, to form the compound represented by Structural Formula (I), wherein R8 is R9; or ii) when R12 is halogen, and R11 is -NHR13: 1) cyclizing the compound represented by Structural Formula (B) under suitable cyclisation conditions to form the compound represented by Structural Formula (I); and 2) optionally, when R13 is - H, reacting the compound produced from step b), ii), 1) with R9-LG₂, wherein LG₂ is a suitable leaving group, to form the compound represented by Structural Formula (I) wherein Rg is R9.

No. of Pages : 139 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.757/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENDOTRACHEAL TUBE APPARATUS

(51) International classification :A61N 1/05
(31) Priority Document No :61/248,294
(32) Priority Date :02/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US10/051132
Filing Date :01/10/2010
(87) International Publication No :WO/2011/041684
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STANISLAUS, CHARLES

3)LI, WENJENG

4)YAMASAKI, SONNY

5)BRUNETT, WILLIAM

6)MCFARLIN, KEVIN

7)HISSONG, BRITT

8)VACCARO, ROB

9)MURPHY, JOHN

10)PAGOTTO, CARLA

11)SCHULER, TINO

(57) Abstract :

An apparatus for monitoring EMG signals of a patient's laryngeal muscles includes an endotracheal tube having an exterior surface. Conductive ink electrodes are formed on the exterior surface of the endotracheal tube. The conductive ink electrodes are configured to receive the EMG signals from the laryngeal muscles when the endotracheal tube is placed in a trachea of the patient. At least one conductor is coupled to the conductive ink electrodes and is configured to carry the EMG signals received by the conductive ink electrodes to a processing apparatus.

No. of Pages : 65 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.765/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI-BOLUS CONTROL METHOD AND CORRESPONDING DEVICE

(51) International classification	:A61M 5/145
(31) Priority Document No	:0956874
(32) Priority Date	:02/10/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064450
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/039250
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)TRAVERSAZ, PHILIPPE
2)ARCHAT, DAMIEN

(57) Abstract :

The invention concerns a method of controlling the movement of the push device of a pump of the syringe driver-type, the pump comprising a casing (100), a syringe cradle (200) in which a syringe (400) is placed, a push device (300) mobile relative to the casing (100) and capable of being driven in rotation parallel to the longitudinal axis of the syringe by driving means, clutch means (310, 350, 351) for engaging or disengaging the push device (300) on the driving means. In the method of the invention, the push device (300) is, first of all, disengaged from the driving means, which makes it possible to move it manually, and the presence or absence of a contact between the push device (300) and the syringe head (401) is determined. If the push device is not in contact with the syringe head, it is advanced manually toward the latter. As soon as the push device comes in contact with the syringe head, the advance movement of the push device is stopped. Blocking of the advance movement of the push device is triggered only if, at the beginning of the operation, the push device was not in contact with the syringe head. Contrary to the state of the art, it is not the syringe piston that is blocked, but the movement of the push device that is stopped as soon as there is contact between the syringe and the push device.

No. of Pages : 37 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.766/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : REUSABLE ENVELOPE

(51) International classification :B65D 27/06

(31) Priority Document No :0915244.8

(32) Priority Date :02/09/2009

(33) Name of priority country :GB

(86) International Application No :PCT/GB2010/051442

Filing Date :02/09/2010

(87) International Publication No :WO/2011/027153

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HIPPLEWITH, JOANNE

(57) Abstract :

Postal packaging for an item for posting, the packaging comprising one or more detachable labels having a back surface for affixing over used postage marks (1.2) on said packaging and a front surface for displaying the postage payment for re-posting the package. There is further provided a plurality of address labels (1.4), each for displaying a postage address and being independently detachable from said packaging for removing the previous postage address from display prior to re-posting the package.

No. of Pages : 16 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.767/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PAPERMAKERS' FORMING FABRIC INCLUDING PAIRS OF MACHINE SIDE COMPLEMENTARY YARNS

(51) International classification	:D21F 7/08,D03D 13/00
(31) Priority Document No	:2,680,924
(32) Priority Date	:29/09/2009
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2010/001546
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/038498
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)STONE, RICHARD

(57) Abstract :

A multilayer woven industrial fabric comprises at least two layers of weft yarns interwoven with at least one system of warp yarns. At least some of the machine side (MS) weft yarns are arranged as complementary pairs, such that for each pair, the members follow mutually complementary paths, and exchange positions with each other so that, in the MS surface, the path of a pair of weft yarns appears to be that of a single yarn. The complementary weft yarns interweave only with the MS warp yarns and do not appear in the paper side. The unique MS weft yarn arrangement allows for the use of smaller yarns, while increasing fabric stiffness and dimensional stability, and is applicable to any multi-layer fabric design which includes at least two layers of weft yarns and one system of warp yarns.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.770/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR RECYCLING OF PHENOLIC ANTIOXIDANT AGENT, PROCESS FOR PRODUCTION OF OLEFIN POLYMER, POLYOLEFIN POWDER, AND FIBERS

(51) International classification	:C08F 6/00,C08F 10/00
(31) Priority Document No	:2009-204701
(32) Priority Date	:04/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/064954
Filing Date	:01/09/2010
(87) International Publication No	:WO/2011/027793
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KAWAMOTO NAOSHI

2)AYABE TAKASHI

3)URUSHIHARA TSUYOSHI

4)OKAMOTO KOHEI

5)SEGUCHI TETSUYA

(57) Abstract :

Provided are a recycling method for industrially, simply and effectively recycling a phenolic body from a phenolic antioxidant which is masked by an organoaluminum compound and contained in an olefin polymer obtained by supplying the masked phenolic antioxidant upon polymerization; and an olefin polymer obtained by this method. In a method for recycling a phenolic antioxidant wherein a phenolic antioxidant which is masked by an organoaluminum compound and contained in an olefin polymer obtained by supplying the masked phenolic antioxidant upon polymerization is recycled to a phenolic body, a nitrogen gas comprising water and/or a proton donor at a volume ratio of 1.0×10^{-6} to 2.5×10^{-2} with respect to 1 volume of nitrogen is brought into contact with the olefin polymer.

No. of Pages : 69 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.772/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DEVICE FOR PUSHING GLASS OBJECTS ONTO A CONVEYOR BELT

(51) International classification :B65G 47/82
(31) Priority Document No :102010025168.2
(32) Priority Date :25/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP11/001496
Filing Date :25/03/2011
(87) International Publication No :WO/2011/160739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)FELGENHAUER, BENEDIKT
2)HUEBNER, MATTHIAS

(57) Abstract :

Device for pushing glass objects onto a conveyor belt A device for pushing glass objects onto a conveyor belt consists of a pusher (5), which is supported on a crank arm (6) in such a way that it can be swiveled about an axis (7), which crank arm is in driving engagement with a first electric motor (1) by means of a shaft (12) and a spur-gear transmission. A second electric motor (2) is in driving engagement with a sleeve (20) by means of a cantilever (18), in which sleeve the shaft (12) is mounted, wherein the shaft (12) can be swiveled about a central stationary axis (19). A third electric motor (3) is in driving engagement by means of a further spur-gear transmission by means of a hollow shaft (8), which within the sleeve (20), supporting the shaft (12) [sic], with an annular element (28) on which one end of a push rod is supported in such a way that it can be swiveled about an axis, the other end of the push rod is supported on the pusher (5) in such a way that it can be swiveled about an axis, so that a rotational motion of the said third electric motor (3) can be converted into a swivel motion of the pusher (5) about the axis (7). All transmission components are in the pot-like upper part (33) of a housing (4), and specifically below the plane of a dead plate. The low number of transmission stages results in a design that is very simple, compact and protected against environmental influences and thus results in particular suitability for use under the operating conditions of a glassworks.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.733/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : PHASE ANGLE DRIFT METHOD FOR LOSS OF MAINS/GRID PROTECTION

(51) International classification :H02J 3/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/062666
Filing Date :30/09/2009
(87) International Publication No :WO/2011/038756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SCHNEIDER ELECTRIC ENERGY UK LTD
(72)**Name of Inventor :**
1)TUMILTY, RYAN M.
2)DYSKO, ADAM
3)BURT, GRAEME

(57) Abstract :

The invention concerns a phase angle drift method for loss of mains/grid protection, wherein the accumulated electrical phase angle drift derived from the difference between the current measured local frequency and the estimated frequency using historical data is compared to a angle threshold with the phase angle draft α_n being such that : Formula (3), where : n : Sample index α_n : Updated phase angle α_{n-12} : Previous phase angle \hat{E}'_{nest} : Estimated frequency \hat{E}'_n : Measured frequency T : Time interval between algorithm executions the estimated grid frequency being calculated using the following equation in which the key parameters are the historical delay, D cycles, and the window, W cycles, over which the estimated frequency is calculated : Formula (4), where : \hat{E}'_{n-D-w} : Oldest frequency value \hat{E}'_{n-D} : Newest frequency TD : Historical time delay T_w : Estimation window wherein the addition/substraction of the phase angle increase/decrease calculated for the half cycle in equation (3) is not carried out unless the frequency difference between the estimated frequency \hat{E}'_{nest} and the measured frequency \hat{E}'_n is greater or equal to a first determined value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.781/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WOVEN PREFORM, COMPOSITE, AND METHOD OF MAKING THEREOF

(51) International classification	:D03D 3/08
(31) Priority Document No	:61/247,777
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050639
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/041355
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GOERING, JONATHAN

(57) Abstract :

A three dimensional woven preform, a fiber reinforced composite incorporating the preform, and methods of making thereof are disclosed. The woven preform includes two or more warp steered fabrics. The warp steered fabrics include a darted portion and an un-darted portion. The darted portions of the warp steered fabrics are joined to un-darted portions of one another so as to provide continuous fiber in the circumferential and radial directions of all portions of the preform. An un-darted portion in one steered fabric reinforces a darted portion in the other. The warp steered fabrics can be woven on a loom equipped with a differential take-up mechanism. The warp steered fabrics can be single or multilayer fabrics. The final preform can be a portion of an aircraft window frame.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.785/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BIFURCATED HIGHLY CONFORMABLE MEDICAL DEVICE BRANCH ACCESS

(51) International classification :A61F 2/06,A61F 2/88
(31) Priority Document No :61/250,313
(32) Priority Date :09/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US10/051974
Filing Date :08/10/2010
(87) International Publication No :WO/2011/044459
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HARTMAN, CODY, L.
3)JACOBY, RUSSELL, L.
4)WOLFE, ROARK, N.
5)DAUGHERTY, JOHN, R.
6)KOVACH, LARRY, J.

(57) Abstract :

The present invention comprises a highly conformable stent graft with an optional portal for a side branch device. Said stent, graft comprises a graft being supported by a stent, wherein said stent comprises undulations each which comprise apices in opposing first and second directions and a tape member attached to said stent and said graft such that the tape member edge is aligned to the edge of the apices in the first direction of the each of the undulations, thus confining the apices in the first direction of the undulations to the graft and wherein the apices in the second direction of the undulation are not confined relative to the graft; wherein said graft forms unidirectional pleats where longitudinally compressed and wherein said apices in the first direction of said undulation is positioned under, adjacent pleat when compressed. The invention also discloses and claims methods of making and using said highly conformable stent graft and method of making the optional portal.

No. of Pages : 59 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.773/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-230042
(32) Priority Date	:01/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/005924
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/040045
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OKU, TOMOMI
2)SAKAGUCHI, SATORU
3)MATSUSHIMA, HIDEKI

(57) Abstract :

A disposable diaper includes: a main body, a side flap, and a pair of fastening tapes. The main body includes a liquid permeable top-sheet, a liquid impermeable outer sheet, and an absorber between the top-sheet and the outer sheet. The side flap covers one of edge portions of the main body in a longitudinal direction and has a greater dimension in a width direction than the main body. The fastening tapes are attached to respective edge portions, in the width direction, of the side flap and configured to be fastened onto a fastening portion on an opposite one of the edge portions of the main body. One of edge portions of the absorber in the longitudinal direction is located inboard of an outer imaginary line connecting outermost points of the fastening tapes in the longitudinal direction.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.774/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR DECREASING IMMUNOGENICITY

(51) International classification :C07K 16/00

(31) Priority Document No :61/289,446

(32) Priority Date :23/12/2009

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

(86) International Application No :PCT/CH10/000326

Filing Date :21/12/2010

(87) International Publication No :WO/2011/075861

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)BORRAS, LEONARDO

2)GUNDE, TEA

3)URECH, DAVID

(57) Abstract :

A method for decreasing the immnogenicity of antibody variable domains is disclosed.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.777/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM AND METHOD FOR PRODUCING, FILLING, PACKAGING AND/OR TRANSPORTING BEVERAGES

(51) International classification	:H02J 11/00
(31) Priority Document No	:10 2009 044 258.8
(32) Priority Date	:15/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/063211
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/045126
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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NÜUTRABLING, GERMANY.

(72)Name of Inventor :

1)KLAUS WASMUHT

2)ALBERT LINK

(57) Abstract :

The present invention relates to a system and a method for the production, filling, packaging and / or transport of beverages in beverage containers. The system components are coupled physically and by a common control unit. Furthermore the system components are coupled at least partially energetically. The system components form mutually coupled energy conversion units, energy storage units and / or energy consumption units. The system components are provided with energy from one common energy generating device, which supplies mechanical operating power (wave energy) and / or electrical energy and / or thermal energy to the system components.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.782/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : WOVEN PREFORM, COMPOSITE, AND METHOD OF MAKING THEREOF

(51) International classification	:D03D 3/08
(31) Priority Document No	:61/247,808
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050749
Filing Date	:29/09/2010
(87) International Publication No	:WO/2011/041435
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GOERING, JONATHAN

2)ROWLES, CRAIG

(57) Abstract :

A three dimensional woven preform, a fiber reinforced composite incorporating the preform, and methods of making thereof are disclosed. The woven preform includes one or more layers of a warp steered fabric. A portion of the warp steered fabric is compressed into a mold to form an upstanding leg. The preform includes the upstanding leg and a joggle in a body portion. The body portion and upstanding leg are integrally woven so there is continuous fiber across the preform. A portion of the warp steered fabric includes stretch broken carbon fibers in the warp direction, and another portion includes conventional carbon fibers. The warp steered fabric can be woven on a loom equipped with a differential take-up mechanism. The warp steered fabric can be a single or multilayer fabric. The preform or the composite can be a portion of an aircraft window frame.

No. of Pages : 22 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.788/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FABRIC CONDITIONERS

(51) International classification :C11D 3/00,C11D 3/12

(31) Priority Document No :EP09172405

(32) Priority Date :07/10/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/063128
Filing Date :07/09/2010

(87) International Publication No :WO/2011/042275

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Maharashtra India

(72)Name of Inventor :

1)BOARDMAN CHRISTOPHER

2)EBBRELL LESLEY

3)JONES DAVID ANDREW ROSS

(57) Abstract :

Use of a metal oxide as an ingredient in a fabric conditioner composition enables the fabrics treated with the composition to deliver a cool feel benefit to the wearer, wherein the fabric conditioner composition comprises a softening active and the metal oxide has a particle size in the range of from 1 to 400 nm, and is present in an amount of from 2.5 to 40 wt %, based on the weight of the total composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.789/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SHADING COMPOSITION

(51) International classification	:C11D 3/40,C09B 17/02
(31) Priority Document No	:EP09172564
(32) Priority Date	:08/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064682
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/042372
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BATCHELOR STEPHEN NORMAN

2)BIRD JAYNE MICHELLE

3)JOYCE SUSAN BARBARA

(57) Abstract :

The present invention provides a laundry treatment composition comprising a cationic phenazine dye.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PROCESS FOR MANUFACTURING LEAF TEA

(51) International classification	:A23F 3/06
(31) Priority Document No	:EP09173477
(32) Priority Date	:20/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/065288
Filing Date	:12/10/2010
(87) International Publication No	:WO/2011/047991
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SHARP DAVID GEORGE

2)SMITH ALISTAIR DAVID

(57) Abstract :

Disclosed is a process for manufacturing leaf tea. The process comprising the steps of: providing a supply of fresh tea leaves comprising catechins; macerating the fresh tea leaves to produce dhool; fermenting the dhool for a first fermentation time sufficient to reduce the content of catechins in the dhool to less than 50% of the content of catechins in the fresh tea leaves prior to maceration on a dry weight basis before expressing juice from the dhool thereby to produce leaf residue and tea juice; contacting at least part of the tea juice with at least part of the leaf residue to provide a tea mixture; and then drying the tea mixture to produce the leaf tea.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.795/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : POLYCOSANOL ASSOCIATIVE MONOMERS, CORRESPONDING ASSOCIATIVE THICKENERS AND USES THEREOF

(51) International classification	:C08F 220/06
(31) Priority Document No	:09 04335
(32) Priority Date	:11/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/001782
Filing Date	:20/07/2010
(87) International Publication No	:WO/2011/030191
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SUAN, JEAN-MARC

2)RUHLMANN, DENIS

(57) Abstract :

The present invention relates to novel associative monomers, ending in a hydrophobic chain made from polycosanol, which are bio-sourced raw materials, and in particular octocosanol. The invention also relates to HASE associative copolymers produced using said monomers, (meth)acrylic acid and an ester of said acids. The invention finally relates to the use of said copolymers as thickening agents for aqueous formulations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.796/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARTUS THAT MAKES THICKNESS OF ABSORBENT BODY THIN

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-240708
(32) Priority Date	:19/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067735
Filing Date	:08/10/2010
(87) International Publication No	:WO/2011/048963
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YANO, TAKANORI
3)ISHIKAWA, MASAHIKO

(57) Abstract :

A method for reducing the thickness of an absorption body having liquid absorptive fibers and a highly absorptive polymer. The method involves (1) conveying the absorption body by moving the absorption body while holding the absorptive body on a holding surface by sucking gas from gas suction holes in the holding surface, and (2) reducing the thickness of the absorption body by sucking a belt member, which is disposed so as to face the movement path of the holding surface and so as to be able to move along the movement path within a predetermined range of the movement path, in the predetermined range toward the holding surface by sucking gas from the gas suction holes and sandwiching the absorption body between the holding surface and the belt member.

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.797/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND APPARATUS FOR MANUFACTURING A COMPOSITE OF A CONTINUOUS SHEET FOR AN ABSORBENT ARTICLE

(51) International classification	:A61F 13/15
(31) Priority Document No	:2009-240709
(32) Priority Date	:19/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067619
Filing Date	:07/10/2009
(87) International Publication No	:WO/2011/048954
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)OGASAWARA, YOSHIKAZU
2)MIYAZAKI, KAZUYO

(57) Abstract :

A method for manufacturing a composite of continuous sheets by dividing a first continuous sheet into strip sheets which have a predetermined length and then applying the strip sheets to a second continuous sheet in the direction of the continuation thereof at predetermined application pitches. The method involves (1) continuously supplying the first continuous sheet to the outer peripheral surface of a roller at a first speed which is lower than the circumferential speed of the roller and holding the first continuous sheet on the outer peripheral surface while causing the first continuous sheet to slide on the outer peripheral surface, (2) forming the strip sheets by causing a cutter, which is disposed at a predetermined position of the roller in the circumferential direction so as to face the outer peripheral surface, to divide the first continuous sheet when a cutter receiving blade, which is provided to the outer peripheral surface, passes through the position of the cutter, (3) conveying the formed strip sheets in the circumferential direction at the circumferential speed while holding the formed strip sheets on the outer peripheral surface, (4) selecting, as the second continuous sheet, one of continuous sheets including a continuous sheet which is conveyed at a second speed which is higher than the peripheral speed, and also including a continuous sheet which is conveyed at a third speed which is higher than or equal to the peripheral speed and lower than the second speed, and (5) supplying the selected continuous sheet toward the outer peripheral surface of the roller, which rotates at the circumferential speed, and applying the strip sheets, which are on the outer peripheral surface, to the selected continuous sheet.

No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.753/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ORGANIC PHOTOVOLTAIC CELL STRUCTURE

(51) International classification :H01L 31/04

(31) Priority Document No :61/237,824

(32) Priority Date :28/08/2009

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

(86) International Application No :PCT/CA2010/001316

Filing Date :27/08/2010

(87) International Publication No :WO/2011/022825

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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LIS 7 M9 (CA). Canada

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1)POWNALL-RYAN, CHARLES V

(57) Abstract :

The present invention provides a photovoltaic (PV) cell structure for enabling the conversion of incident light to potential electrical energy. The PV cell comprises at least one energy guiding means for converting incident light to potential electrical energy. The energy guiding means includes at least one electron donor and at least one electron acceptor adapted to be linked to a load therebetween. The electron donor is operable to release electrons based on absorption of photons and the electron acceptor may be operable to accelerate photons towards the electron donor and attract electrons released by the electron donor. The electron donor may include at least one photon receptor adapted to have a surface disposed at an angle normal to a range of incident photon angles.

No. of Pages : 50 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DRUG FUSIONS AND CONJUGATES WITH EXTENDED HALF LIFE

(51) International classification	:A61P 3/08
(31) Priority Document No	:61/247,346
(32) Priority Date	:30/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP10/064020
Filing Date	:23/09/2010
(87) International Publication No	:WO/2011/039096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HERRING, CHRISTOPHER

3)PAULIK, MARK, ANDREW

(57) Abstract :

The present invention relates to drug fusions and conjugates that have improved serum half lives. These fusions and conjugates comprise immunoglobulin (antibody) single variable domains and insulinotropic and/or incretin and/or gut peptide molecules. The invention further relates to uses, formulations, compositions and devices comprising such drug fusions and conjugates. The invention also relates to compositions which comprise more than one insulinotropic and/or incretin and/or gut peptide molecules present as part of a fusion or conjugate and to uses and formulations thereof.

No. of Pages : 100 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.801/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INSTALLATION FOR PRODUCING A COAL CAKE SUITABLE FOR COKING

(51) International classification	:C10B 45/02
(31) Priority Document No	:10 2009 050 731.0
(32) Priority Date	:26/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006413
Filing Date	:20/10/2009
(87) International Publication No	:WO/2011/050918
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HOLL, NORBERT

(57) Abstract :

To provide an installation for producing a coal cake suitable for coking which can in principle have any desired formats, but in particular also very large formats adapted to large-format coking oven chambers, it is proposed according to the invention, for the vibratory compaction of granular raw coal materials, to arrange at least one vibrating station (10 or 16) with a push-table vibrating machine with an oscillatorily mounted vibrating table on which a mould box to be filled with a batch of the raw coal material can be clamped, the successively vibration-compacted cuboidal coal blocks being stackable and a transporting device introducing the coal cake that can be put together from a multiplicity of coal blocks into an empty coking oven chamber for the purpose of coking and coke production.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.802/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MOLDABLE WIRE THREAD INSERT, METHOD FOR ITS PRODUCTION, COMPONENT WITH A MOLDABLE WIRE THREAD INSERT AS WELL AS A METHOD FOR ITS PRODUCTION

(51) International classification	:F16B 37/12
(31) Priority Document No	:102009048160.5
(32) Priority Date	:02/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006053
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/038939
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)GRUBERT, KLAUS, FRIEDRICH
2)STUMPF, MICHAEL
3)SUTZ, XAVIER
4)RINTELMANN, JOCHEN

(57) Abstract :

The invention relates to a moldable wire thread insert (1) for reinforcing a screw opening of a component comprising the following characteristics: a cylindrical spiral (20) formed by a helically wound wire (10), wherein neighboring windings (30) of said spiral are arranged such that a closed cylindrical spiral wall (22, 24) is present, while at least one end of the cylindrical spiral (20) comprises a fastening flange (40) that extends radially outward over the cylindrical spiral wall (22, 24) and by which the wire thread insert (1) can be anchored in the component, and/or an end of the cylindrical spiral (20) is designed planar to form a flat axial end face of the cylindrical spiral (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.798/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROL PIN AND SPOUT SYSTEM FOR HEATING METAL CASTING DISTRIBUTION SPOUT CONFIGURATIONS

(51) International classification :C21C 5/42

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/005556

Filing Date :08/10/2009

(87) International Publication No :WO/2011/043759

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)COOPER, TIMOTHY, JAMES

2)IMTHURN, JAMES, A.

(57) Abstract :

A control pin system, including an apparatus and method, for use in controlling the flow of molten metal in a molten metal distribution system for casting, with some aspects of the control pin including: a control pin body with an internal cavity and an outer surface, wherein the outer surface is sized and configured to operatively interact with an internal surface of a spout to effectively control the flow of molten metal through a spout aperture; and a heater element within the internal cavity of the control pin body. In other embodiments, the heater may be located within the spout body and transferring heat to the control pin.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/03/2012

(21) Application No.804/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTIBIOTIC COMPOUNDS

(51) International classification :C07K 5/10
(31) Priority Document No :61/239,186
(32) Priority Date :02/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/053897
Filing Date :31/08/2010
(87) International Publication No :WO/2011/027290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MISHRA, PRABHU DUTT
2)MAHAJAN, GIRISH BADRINATH

(57) Abstract :

This invention relates to novel purified compounds of Formula (I). The invention includes all stereoisomeric forms and all tautomeric forms of the compounds of Formula (I) and pharmaceutically acceptable salts and derivatives. The present invention further relates to processes for the production of the novel antibacterial compounds by fermentation of the microorganism belonging to Streptomyces species (PM0626271 /MTCC 5447) and to pharmaceutical compositions containing one or more of the novel compounds as active ingredient and their use in medicines for treatment and prevention of diseases caused by bacterial infections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.805/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LACTOBACILLUS PLANTARUM STRAINS AS HYPOCHOLESTEROLEMIC AGENTS

(51) International classification	:A61K 35/74,A61P 9/00
(31) Priority Document No	:09172613.3
(32) Priority Date	:09/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064304
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/042333
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)CUNE CASTELLANA, JORDI

(57) Abstract :

The invention relates to a composition comprising an effective amount of at least one of the strains selected from the group consisting of Lactobacillus plantarum CECT 7527, Lactobacillus plantarum CECT 7528, and Lactobacillus plantarum CECT 7529, These new strains have good probiotic features and are useful for the prevention and/or the treatment of cardiovascular disorders.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.806/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF INSECTICIDE-COMPRISING POLYMER PARTICLES FOR IMPROVING THE SOIL MOBILITY OF INSECTICIDES, INSECTICIDE FORMULATIONS, INSECTICIDE-COMPRISING POLYMER PARTICLES, AND METHODS FOR CONTROLLING PESTS

(51) International classification :A01N 25/04
(31) Priority Document No :09172450.0
(32) Priority Date :07/10/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP10/064995
Filing Date :07/10/2010
(87) International Publication No :WO2011/042495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)REINHARD, KLAUS
2)TURK, HOLGER
3)HAHN, PETER
4)SCHRODER-GRIMONPONT, TINA
5)ISHAQUE, MICHAEL
6)JUNG, MARE, RUDOLF

(57) Abstract :

Polymer particles, comprising a) at least one sparingly soluble insecticide from the group consisting of fipronil, allethrin, alpha-cypermethrin, beta-cyfluthrin, bifenthrin, bioallethrin, 4-chloro-2-{2-chloro-2-methylpropyl)-5-[(6-iodo-3-pyridinyl)methoxy]-3(2H)-pyridazinone (CAS-RN: 120955-77-3), chlorantraniliprole, chlorfenapyr, cyantraniliprole, cyfluthrin, cyhalothrin, cypermethrin, deltamethrin, etofen-prox, fenoxycarb, flufenoxuron, hydramethylnon, imidacioprid, indoxacarb, metaflumizone, permethrin, pyriproxifen, tebufenozide and tralomethrin and b) at least one water-insoluble polymer, are suitable for improving the soil mobility of the sparingly soluble insecticide(s).

No. of Pages : 58 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.807/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DISPOSABLE DIAPER

(51) International classification	:A61F 13/42
(31) Priority Document No	:2009-272977
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006984
Filing Date	:30/11/2010
(87) International Publication No	:WO/2011/065026
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)OKU, TOMOMI
2)SAKAGUCHI, SATORU
3)MATSUSHIMA, HIDEKI

(57) Abstract :

On the back sheet 120 side, back-side recessed portions 135 recessed toward the top sheet 110 are provided in a surface of the absorber 130 of the disposable diaper 1. The back-side recessed portions 135 include multiple grooves 135a, 135b which are continuous in the longitudinal direction L of the absorber 130. The back-side recessed portions 135 is visible from an outside of the back sheet 120 in a state before the disposable diaper 1 is used, and when the absorber absorbs liquid, the depth D of the back-side recessed portions 135 is made smaller than that before the absorber absorbs liquid. When the hydrophilic fiber and the particulate SAP swells, and thereby the absorber 130 expands in at least the thickness direction thereof, the back-side recessed portions 135 seems to disappear from the outside.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.762/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : APPARATUS FOR TOLERANCE RING CONTROL OF SLIP INTERFACE SLIDING FORCES

(51) International classification	:F16D 3/06
(31) Priority Document No	:61/245,883
(32) Priority Date	:25/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP10/063828
Filing Date	:20/09/2010
(87) International Publication No	:WO/2011/036126
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)NATU, PARAG**

(57) Abstract :

A tolerance ring comprising a metallic band for spring features and a complementary low friction material for frictional considerations is disclosed. The tolerance ring is designed to operate within a precisely controlled torque or axial force band to provide a defined amount of resistance and sliding force control between components that move relative to each other. Isolated portions of the tolerance ring form regions of contact with adjacent ones of the components. Other surfaces of the tolerance ring comprise portions with spring features that have geometry suitable for their spring rate, rather than conforming to mating surfaces of the adjacent components .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.763/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HETEROPHASIC POLYPROPYLENE RESIN

(51) International classification	:C08L 23/14,H01B 3/44
(31) Priority Document No	:09013647.4
(32) Priority Date	:29/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/006449
Filing Date	:21/10/2010
(87) International Publication No	:WO/2011/050926
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KLIMKE, KATJA

2)DOSHEV, PETAR

(57) Abstract :

Heterophasic polypropylene resin comprising a propylene random copolymer matrix phase (A), and an ethylene-propylene copolymer rubber phase (B) dispersed within the matrix phase wherein the heterophasic polypropylene resin has a MFR (2.16 kg, 230° C) of 1.0 to 100 g/10min, determined according to ISO 1133, and a fraction soluble in p-xylene at 25°C (XCS fraction) which is present in the resin in an amount of 28 to 50 wt%, and which has a molecular weight distribution (MW/Mn) of 1.0 to 4.0.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.823/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : GLYCOSYLATED REPEAT-MOTIF-MOLECULE CONJUGATES

(51) International classification	:C07K 16/18
(31) Priority Document No	:09013887.6
(32) Priority Date	:05/11/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/006728
Filing Date	:04/11/2010
(87) International Publication No	:WO/2011/054519
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)SABINE IMHOF-JUNG

3)ERHARD KOPETZKI

(57) Abstract :

Herein are reported glycosylated repeat-motif-molecule conjugate of the following formula: (repeat-motif-molecule - linkern)m - conjugation partner - (linkero - repeat-motif-molecule)p, wherein n and o are independently of each other and independently for each value of m and p integer values of 0 or 1, and m and p are independently of each other integer values of 0 or 1 or 2 or 3 or 4 or 5 or 6 or 7, and wherein the repeat-motif-molecule conjugate comprises at least one oligosaccharide attached to a glycosylation site. Also reported are encoding nucleic acids and method for producing these repeat-motif-conjugates in mammalian cells.

No. of Pages : 107 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.827/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : VANE PUMP

(51) International classification	:F04C 2/344
(31) Priority Document No	:102009049532.0
(32) Priority Date	:07/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005540
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/042105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SCHULZ-ANDRES, HEIKO
2)BOEHM, CHRISTIAN

(57) Abstract :

The invention relates to a vane pump, comprising an upper vane pump, which is associated with a first load, and a lower vane pump, which has a lower vane pressure area and a lower vane suction area, which is connected to the upper vane pump. The invention is characterized in that the lower vane pressure area is separated from the lower vane suction area and is associated with a second load.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.828/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING GROUP DIRECTORY SERVICES FOR MOBILE COMMUNICATION DEVICES

(51) International classification	:H04W 4/08
(31) Priority Document No	:61/312,996
(32) Priority Date	:11/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/027661
Filing Date	:09/03/2011
(87) International Publication No	:WO/2011/112659
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :
1)PATTERSON, JAMES, D
2)BROTHERS, SUE, E

(57) Abstract :

A method of providing group directory services for mobile communication devices includes the steps of maintaining a registry of user profiles established and maintained by mobile communication device users, wherein each user profile includes data representative of a user s name and preferred contact method; and permitting a group administrator to access the registry and create a group directory consisting of at least some members who have user profiles in the registry by linking the members user profiles to the group directory.

No. of Pages : 86 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.808/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LAMININ-332 PRODUCTION STIMULATING COMPOSITION

(51) International classification :A61K 31/198
(31) Priority Document No :2009-225871
(32) Priority Date :30/09/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058219
Filing Date :14/05/2010
(87) International Publication No :WO/2011/040082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TOJO, YOSUKE
2)HOSOI, JUN-ICHI
3)MATSUMOTO, KAYO

(57) Abstract :

Disclosed is a novel composition which has a function of accelerating production of laminin-332. The composition is stable and safe, and can be used routinely. Specifically disclosed is a laminin-332 production accelerating composition which contains one or more compounds selected from the group consisting of D-alanine, D-hydroxyproline, derivatives of D-alanine or D-hydroxyproline and/or salts of D-alanine or D-hydroxyproline. The composition may be used for the purpose of suppressing and/or improving skin conditions. The skin conditions may include but are not limited to photoaging, wrinkles, rough skin, fine wrinkles and dry skin. The composition may be used for an external preparation for the skin or food.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.818/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HAND PUMP FOR PUMPING FLUIDS, AND FILTER SYSTEM FOR FLUIDS, COMPRISING A HAND PUMP

(51) International classification	:F02M 37/16
(31) Priority Document No	:102009048211.3
(32) Priority Date	:05/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/062479
Filing Date	:26/08/2010
(87) International Publication No	:WO/2011/042252
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)THALMANN, CHRISTIAN

(57) Abstract :

The invention relates to a hand pump (16) for pumping fluids, in particular fuel, and a filter system (10) for fluids, comprising a hand pump (16), in particular of a motor vehicle. The hand pump (16) comprises a pump housing (22), which has an inlet (18) and an outlet (26) for the fluid, and an actuating body (32), which is movably mounted in the pump housing axially to a stroke axis (34). A membrane (46) has a flexible ring section (48) surrounding the stroke axis (34), said ring section being fixed radially inward in a fixing region (50) of the actuating body (32) and radially outward in a retaining region (54) of the pump housing (22). During a stroke movement, the actuating body (32) can be pressed with the membrane (46) against the force of an elastic element (42) from a resting position (I) into the pump housing (22) and into an actuating position, and led back out into the resting position (I) by means of the elastic element (72). Thus, the volume of a pump chamber (20) can be modified. A stroke height (77) of the actuating body (32) is greater than a smallest radial distance (74) between the retaining region (54) and the fixing region (50) during a stroke. The retaining region (54) of the pump housing (22) lies between the position (73) of the fixing region (50) in the resting position (I) and the position (75) of the fixing region (50) in the actuating position when viewed axially to the stroke axis (34).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LIFTING DEVICE FOR A ROTOR OF A WIND TURBINE

(51) International classification :F03D 11/04
(31) Priority Document No :DE102009040235.7
(32) Priority Date :07/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/063030
Filing Date :06/09/2010
(87) International Publication No :WO/2011/026970
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JUERGEN WAGNER

(57) Abstract :

The invention relates to a lifting device for a rotor of a wind turbine, consisting of a turbine hub and rotor blades fixed thereon, having the following components: at least one receiving device which can be fixed to a blade root region of the rotor; guiding means which can be attached to the receiving device and which has at least one supporting element for receiving and fixing wire supports, wherein the supporting element is connected to the guiding means in a movement-flexible manner such that the rotor is aligned correctly for assembly before being mounted on a rotor shaft of the wind turbine. The aim of the invention is to provide a lifting device for rotors which is easy to assemble and disassemble and which enables the rotor to automatically align into a correspondingly optimal bearing position for assembling onto the turbine hub when undesired torques act on said rotor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.786/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PRODUCT COMPRISING HYDROPHOBIN

(51) International classification	:A23L 1/00,A23L 1/035
(31) Priority Document No	:EP09172092
(32) Priority Date	:02/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064364
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/039188
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MITCHELL JOHN TURNER

2)WIX LOYD

(57) Abstract :

A product comprising hydrophobin, and at least 0.5 wt% of bicarbonate, wherein the water activity of the product is at most 0.5 is provided.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.851/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : SUBSTITUTED N-PHENYL-1-(4-PYRIDINYL)-1H--PYRAZOL-3-AMINES

(51) International classification :C07D 401/04

(31) Priority Document No :09170525.1

(32) Priority Date :17/09/2009

(33) Name of priority country :EUROPEAN
UNION

(86) International Application No :PCT/EP2010/063609

Filing Date :16/09/2010

(87) International Publication No :WO/2011/033018

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MACDONALD, GREGOR, JAMES

2)THURING, JOHANNES, WILHELMUS, JOHN, F.

3)VAN DEN KEYBUS, FRANS, ALFONS, MARIA

4)VAN ROOSBROECK, YVES, EMIEL, MARIA

(57) Abstract :

The present invention relates to N-phenyl-1-(4-pyridinyl)-1H-pyrazol-3-amine derivatives and pharmaceutically acceptable salts thereof, processes for preparing them, pharmaceutical compositions containing them and their use in therapy, according to formula (I): wherein R1, R2, R3, R4, R5, R6 have the meaning defined in the claims. The invention particularly relates to positive allosteric modulators of nicotinic acetylcholine receptors, such positive allosteric modulator having the capability to increase the efficacy of nicotinic receptor agonists.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.854/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER DEVICE AND MAIN FILTER ELEMENT FOR A FILTER DEVICE

(51) International classification :B01D 45/16
(31) Priority Document No :10 2009049170.8
(32) Priority Date :12/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/064980
Filing Date :07/10/2010
(87) International Publication No :WO/2011/045225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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LUDWIGSBURG, GERMANY.
(72)Name of Inventor :
1)MENSSEN, JOERG

(57) Abstract :

The invention relates to a, in particular two-stage, filter device (100) for separating liquid and/or solid particles from a gas flow to be purified, comprising - preferably a preliminary cyclonic pre-separator (10) designed as a pre-filter that separates the particles from the gas flow in a first stage by rotating the gas flow, and - a main filter element (20) arranged downstream in the gas flow direction that separates the particles from the gas flow in a second stage by guiding the particles through at least one filter medium (24), wherein the main filter element (20) is received in a filter housing (30) and wherein the filter housing (30) comprises a raw-side inlet (32) connected to the preliminary cyclonic pre-separator (10) and a clean-side outlet (34) for the gas flow to be purified. In order to develop the in particular two-stage filter device such that the main filter element (20) is disposed in the filter housing (30) in an immovable manner, the main filter element (20) comprises at least one retaining element (22) for stabilizing the position thereof in the filter housing (30), said retaining element extending in the direction toward the filter housing (30) from a circumferential side of the main filter element (20), disposing the main filter element (20) at a defined distance from the filter housing (30).

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.855/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : POWER GENERATOR

(51) International classification	:E02B 9/08
(31) Priority Document No	:2009904330
(32) Priority Date	:08/09/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/001161
Filing Date	:08/09/2010
(87) International Publication No	:WO/2011/029138
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BLAXLAND, DREW.

2)KEIR, JOHN.

(57) Abstract :

power generation apparatus is described. The apparatus includes a rotor adapted for rotation about a rotation axis, the rotor comprising a blade assembly including a plurality of blades operatively mounted to the rotor and extending therefrom and adapted to be acted upon by flowing water from a direction generally perpendicular to the rotation axis to rotate the rotor; wherein the rotor includes an integral rotor body adapted to rotate about a stator body disposed internally relative thereto to generate usable power.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.856/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : CALIBRATION REAGENT AND USES THEREOF

(51) International classification :G01N 33/543

(31) Priority Document No :09176130.4

(32) Priority Date :16/11/2009

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP2010/067379

Filing Date :12/11/2010

(87) International Publication No :WO/2011/058136

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)MOZIAR ASSADI GEHR

2)EVERSON NOGOCEKE

(57) Abstract :

The present invention provides a calibration reagent comprising a peptide conjugated to a protein carrier via a linker, wherein said peptide comprises an epitope of interest and the use thereof.

No. of Pages : 72 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.803/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF MAKING BARREL-SHAPED WORM-LIKE TOOL.

(51) International classification	:B24B 53/085
(31) Priority Document No	:2009-234953
(32) Priority Date	:09/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067503
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/043358
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YANASE, YOSHIKOTO

2)OCHI, MASASHI

(57) Abstract :

Provided is a method of making a barrel-shaped worm-like tool whereby a barrel-shaped worm-like tool capable of efficiently performing grinding without unequal wear can easily be made. The aforementioned method comprises making the barrel-shaped worm-like tool (12) by using a dressing gear (11) to dress the barrel-shaped worm-like tool (12), which is used for machining an internal gear and has a diameter that gradually increases from the ends (12b, 12c) to the center (12a) in the axial direction. On the basis of data wherein the number of teeth is less than that of the internal gear to be machined, the dressing gear (11) and the barrel-shaped worm-like tool (12) are engaged with each other at the same axial intersection angle as during gear-machining performed by the barrel-shaped worm-like tool (12).

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.877/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : RESOURCE CONFIGURATION METHOD, EQUIPMENT AND SYSTEM FOR UPLINK CONTROL CHANNEL

(51) International classification :H04W 72/04
(31) Priority Document No :CN 200910236329.7
(32) Priority Date :16/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077429
Filing Date :28/09/2010
(87) International Publication No :WO/2011/044820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
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(72)**Name of Inventor :**
1)LIN, YANAN
2)SHEN, ZUKANG
3)PAN, XUEMING

(57) Abstract :

The present invention disclosed a resource configuration method for uplink control channel, The method comprises: network side equipment determines downlink carrier that exists cell specific linkage in uplink carrier set and downlink carrier set of User Equipment UE; said network side equipment configures uplink control channel resource for downlink carrier which doesnt exist cell specific linkage according to said determinate result. The method of the present invention is simple and easy to implement, it could use the method in FDD and TDD system to advance system capability of Long Term Evolution multi-carrier update system, and advancing compatibility with the present LTE system primely.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.878/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : EXTENDIBLE COILED TUBE

(51) International classification :F16L 11/16
(31) Priority Document No :102009042755.4
(32) Priority Date :25/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP10/064134
Filing Date :24/09/2010
(87) International Publication No :WO/2011/036245
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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1)WEISS, MATTHIAS

2)MUENKER, KARL-HEINZ

3)BAUMHOFF, DIETMAR

4)GERHARD, ANDREAS

5)SCHENK, KARSTEN

6)SELTHER, OLIVER

7)HAUCK, STEFAN

8)HENKELMANN, MICHAEL

(57) Abstract :

The invention relates to a stretchable wound tube (200) comprising at least two helically wound strips (210, 220) which, in longitudinal section, has at least three telescopic sections (TA1, TA2, TA3). Said telescopic sections are arranged so as to overlap axially in the compressed state of the wound tube, are arranged axially next to one another in the stretched state of the wound tube, and are hooked with one another in relation to an axial extension. The wound tube can achieve an elongation of over 100%. Its axial length in the compressed state is determined substantially by one of the two strips, and its axial length in the stretched state is determined by all the strips which are contained in the tube geometry. In order to achieve this, the different profiles move into one another telescopically during the compression and stretching. The wound tube is used, for example, in exhaust gas systems for insulating pipes with small bending radii.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.879/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR TRANSMITTING SYSTEM INFORMATION

(51) International classification :H04W 48/08
(31) Priority Document No :200910092379.2
(32) Priority Date :11/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/001381
Filing Date :09/09/2010
(87) International Publication No :WO/2011/029271
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHINA MOBILE COMMUNICATION CORPORATION
Address of Applicant :29, JINRONG AVE., XICHENG
DISTRICT, BEIJING 100032, CHINA .
(72)**Name of Inventor :**
1)HU, NAN

(57) Abstract :

A method, system and device for transmitting system information are provided, and said method includes the following steps: the network side transmits the system information on a downlink work carrier, wherein said system information includes the master system information and wireless resource configuration information of said downlink work carrier, and master system information of at least one of the other downlink carriers in multiple carriers. By using the present invention, the speed and efficiency of the terminal obtaining the system information of other downlink work carrier can be improved in multi-carrier system.

No. of Pages : 38 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.834/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR THE PRODUCTION OF A GLYCOSYLATED IMMUNOGLOBULIN

(51) International classification :C07K 16/00
(31) Priority Document No :09013455.2
(32) Priority Date :26/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/066073
Filing Date :25/10/2010
(87) International Publication No :WO/2011/051231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
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2)HIRASHIMA, CHIKASHI
3)LINK, THOMAS
4)TAKAGI, YOSHINORI
5)TAKUMA, SHINYA
6)TSUDA, YURIKO

(57) Abstract :

Herein is reported a method for the production of an immunoglobulin comprising the following steps: a) providing a eukaryotic cell comprising a nucleic acid encoding the immunoglobulin, b) cultivating the eukaryotic cell in a cultivation medium wherein the amount of glucose available in the cultivation medium per time unit is kept constant and limited to less than 80 % of the amount that could maximally be utilized by the cells in the cultivation medium per time unit, and c) recovering the immunoglobulin from the culture.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.876/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CELLULOSE NANOPARTICLE AEROGELS, HYDROGELS AND ORGANOGELS

(51) International classification	:C08J3/075,B01J13/00	(71)Name of Applicant :
(31) Priority Document No	:0916031.8	1)THE UNIVERSITY OF NOTTINGHAM
(32) Priority Date	:14/09/2009	Address of Applicant :UNIVERSITY PARK,
(33) Name of priority country	:U.K.	NOTTINGHAM NG7 2RD, UNITED KINGDOM.
(86) International Application No	:PCT/GB2010/051542	(72)Name of Inventor :
Filing Date	:14/09/2010	1)THIELEMANS, WIM ALBERT WILFRIED IRENE
(87) International Publication No	:WO/2011/030170	2)DAVIES, REBECCA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cellulose aerogel comprises a plurality of cellulose nanoparticles. The cellulose nanoparticles preferably comprise at least 50% or 80% cellulose nanocrystals by weight of cellulose nanoparticles, and the cellulose nanoparticle aerogel preferably has a density of from 0.001 to 0.2g/cm³ or from 0.2 to 1.59g/cm³ The cellulose nanoparticle aerogel typically has an average pore diameter of less than 100 nm and the cellulose nanoparticles may comprise anionic and/or cationic surface groups.

No. of Pages : 69 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : INSECTICIDE AND ACARICIDE PAINTS THAT INHIBIT CHITIN SYNTHESIS, REGULATE INSECT JUVENILE HORMONE AND REPEL ARTHROPODS, FOR CONTROLLING ENDEMIC DISEASES, PESTS AND ALLERGENS

(51) International classification	:C09D 5/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/ES2009/070439
Filing Date	:15/10/2009
(87) International Publication No	:WO/2011/045448
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MATEO HERRERO, MARIA PILAR

(57) Abstract :

The present invention relates to insecticide and acaricide paints that inhibit chitin synthesis, regulate insect juvenile hormone and repel arthropods, for controlling endemic diseases, pests and allergens, characterized in that said paints comprise at least the following compounds (in any combination), namely: 1% - 100% water, 0.0001% - 20% insecticides, 0.0001% - 20% chitin inhibitor, 0.0001% - 20% juvenile hormone regulator, 1% - 50% polymers, 0% - 40% pigments, 0% - 60% fillers, 0% - 60% natural repellents, and 0.01% - 20% stabilizers. This is a novel, improved and enhanced formula for controlling all types of arthropods (insects, mites), both chemically, as the formulation incorporates synthetic insecticides, and biologically, owing to the incorporation of insect-growth regulators. Furthermore, an active ingredient is incorporated in the form of a natural arthropod repellent which keeps said arthropods at a distance from those places where the paint is applied. The composition of the paints allows the active ingredients to be encapsulated in an aqueous polymer with or without the incorporation of fillers and pigments, and therefore the range of use thereof is increased.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMBINATION THERAPY TREATMENT FOR VIRAL INFECTIONS

(51) International classification	:A61K 31/13
(31) Priority Document No	:61/251,561
(32) Priority Date	:14/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052506
Filing Date	:13/10/2010
(87) International Publication No	:WO/2011/047048
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GUILFORD, WILLIAM, J.

2)FAULDS, DARYL, H.

(57) Abstract :

Therapeutics which employ a combination of an antiviral agent and an EP4 receptor agonist for the treatment of human respiratory diseases associated with viral infections are described. Viral infections may include an influenza A virus, for example H1N1, H3N2 and H5N1, and mutations thereof, and/or a coronavirus, for example a virus that causes severe acute respiratory syndrome, SARS.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.847/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : ENDOTRACHEAL TUBE APPARATUS

(51) International classification	:A61N 1/05
(31) Priority Document No	:61/248,294
(32) Priority Date	:02/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/051145
Filing Date	:01/10/2010
(87) International Publication No	:WO/2011/041690
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HACKER, DAVID

2)STANISLAUS, CHARLES

3)LI, WENJENG

4)LITTLE, DAVE

5)YAMASAKI, SUNNY

6)PAGOTTO, CARLA

(57) Abstract :

An apparatus for monitoring EMG signals of a patients laryngeal muscles includes an endotracheal tube having an exterior surface and a first location configured to be positioned at the patients vocal folds. A first electrode is formed on the exterior surface of the endotracheal tube substantially below the first location. A second electrode is formed on the exterior surface of the endotracheal tube substantially above the first location. The first and second electrodes are configured to receive the EMG signals from the laryngeal muscles when the endotracheal tube is placed in a trachea of the patient.

No. of Pages : 65 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.896/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ALGACULTURE METHOD

(51) International classification	:C12N 1/12,C02F 3/28
(31) Priority Document No	:102009051588.7
(32) Priority Date	:20/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/006314
Filing Date	:15/10/2010
(87) International Publication No	:WO/2011/047809
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)TROESCH, WALTER

(57) Abstract :

The invention relates to: bioprocess technology methods in which aqueous phases from anaerobically, biologically purified organic suspensions are fed into an algaculture as a culture media component; use of aqueous phases of anaerobically, biologically purified organic suspensions as a culture media component in an algaculture; use of aqueous phases of anaerobically, biologically purified organic suspensions for improving the growth conditions of algae in photobioreactors; use of algae for the purification of aqueous phases of anaerobically, biologically purified organic suspensions, in particular of anaerobically, biologically purified waste-water filtrate; and bioprocess technology devices (100) including a bioreactor (1), in particular a digestion tower, and a photobioreactor (3).

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.898/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BORING TOOL

(51) International classification	:B23B 29/02
(31) Priority Document No	:2009-238891
(32) Priority Date	:16/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/064138
Filing Date	:23/08/2010
(87) International Publication No	:WO/2011/045980
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)NIITANI HARUHIKO

(57) Abstract :

Provided is a boring tool which not only is lightweight but also has both abrasion resistance and high stiffness. More specifically, provided is a boring tool wherein a shaft-like tool body (10) is equipped with cutting bits, and wherein the tool body (10) makes a reciprocating motion, thereby reaming a hole provided to a workpiece to be machined. The tool body (10) is provided with a substrate (11) formed by a carbon fiber reinforced composite material, a hard plating layer (13) consisting of hard plating applied to the surface (10b) of the tool body (10), and a backing layer (12) which is applied between the substrate (11) and the hard plating layer (13) and serves to improve the wettability of the hard plating layer (13).

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.900/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : FILTER INSERT AND FILTER DEVICE

(51) International classification	:B01D 45/16
(31) Priority Document No	:102009049170.8
(32) Priority Date	:12/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/064930
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/045220
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BECKER, STEFAN
2)STEINS, OLIVER
3)MENSSEN JOERG
4)HILARIUS, KAI

(57) Abstract :

The invention relates to a filter insert, comprising a. a filter element, having an end surface on the inlet side and an end surface on the outlet side disposed at a distance therefrom in the main flow direction, b. a frame running along the lateral surfaces of the filter element and being connected to the filter element, wherein the frame supports an axial seal, the sealing direction of which is aligned in or opposite to the main flow direction, wherein the seal can be brought into contact with a sealing surface of a filter housing in the sealing direction, the inlet side of the filter insert thus being detachable from the outlet side in a sealing manner, wherein the frame comprises a first and a second contact surface on two opposite lateral surfaces of the filter insert for clamping the filter element by means of a first and a second clamping element. The contact surfaces are aligned substantially opposite the sealing direction, wherein the contact surfaces each comprise an individual height profile running along the lateral surfaces.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.888/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : SPOUT FOR A SPILL-PROOF BEVERAGE CONTAINER

(51) International classification	:B65D 47/20
(31) Priority Document No	:GB 0916318.9
(32) Priority Date	:17/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/IB2010/054209
Filing Date	:17/09/2010
(87) International Publication No	:WO/2011/033477
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ILAN SAMSON

(57) Abstract :

Spout for a Spill-Proof Beverage Container A spout is disclosed for a spill-proof beverage container. The spout 12 having a side wall made of a flexible material defining an outer surface to be contacted by the lips of a drinker and an inner surface defining a discharge passage leading to a mouth of the spout to permit a beverage to sucked from the container by the drinker. A valve is provided in the discharge passage to prevent undesired spillage of the beverage when no person is drinking from the cup. The valve comprises two flanks 16a, 16b formed integrally with the side wall 18 of the spout 12 and projecting from opposite sides of the inner surface of the spout. The front end faces of the flanks mate with one another along a slit 30 that extends generally parallel to the longer axis of the spout so that the two flanks form a continuous surface obstructing the discharge passage when the slit 30 is closed. At least the front portions of the flanks are inclined away from the mouth of the spout 12 such that pressure within the container acts to urge the flanks 16a, 16b against one another so as to maintain the slit 30 closed. Deformation of the side wall 18 of the spout 12 when the spout is held between the lips of a drinker acts to open the slit 30 and create an opening between the flanks to allow the beverage to be discharged.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.904/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HUMAN SECURITY AND SURVIVAL SYSTEM

(51) International classification :G06Q 10/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/007166

Filing Date :06/10/2009

(87) International Publication No :WO/2011/042033

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)ROCHET, JEAN-LUC

(57) Abstract :

The invention relates to a method and system of filling and maintaining a database containing geo-localized user data comprising the following steps: - receiving registration data from users, - generating a personalized user-environment like a dynamically generated personal WebPage; - requesting and storing of HSS-data of the registered user by means of the personal WebPage using the Internet; - maintaining the database by checking the HSS-data each time the user makes direct or indirect contact with the personal WebPage.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2012

(21) Application No.905/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : TRANSDERMALLY ABSORBABLE DONEPEZIL-CONTAINING PREPARATION

(51) International classification :A61K 31/445
(31) Priority Document No :2009-242656
(32) Priority Date :21/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068260
Filing Date :18/10/2010
(87) International Publication No :WO/2011/049038
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)KAWAKAMI, SATOSHI
2)YAMAJI, MASAHIRO

(57) Abstract :

Provided is a donepezil-containing transdermal absorption formulation that can sustainably administer donepezil for a long period of time, and can provide both a rapid increase in the blood level of donepezil and donepezil sustained release properties. The donepezil-containing transdermal absorption formulation is a transdermal absorption formulation produced by dissolving donepezil, which is the active ingredient, in an adhesive patch base that contains a hydrophobic polymer and an absorption promoter. The absorption promoter is one kind or two or more kinds selected from lauryl alcohol, triethyl citrate, isopropyl myristate, cetyl lactate, oleyl alcohol, sorbitan monooleate, polyethylene glycol monostearate, lauromacrogol, N-methyl-2-pyrrolidone, and triacetin. Disclosed is a transdermally absorbable donepezil-containing preparation which enables the administration of donepezil in a sustained manner for a long period and can achieve both the rapid increase in blood donepezil level and the sustained release of donepezil. The transdermally absorbable donepezil-containing preparation comprises an adhesive patch base material comprising a hydrophobic polymer and an absorption-enhancing agent and donepezil (an active ingredient) dissolved in the adhesive patch base material, wherein the absorption-enhancing agent comprises at least one component selected from lauryl alcohol, triethyl citrate, isopropyl myristate, cetyl lactate, oleyl alcohol, sorbitan monooleate, polyethylene glycol monostearate, lauromacrogol, N-methyl-2-pyrrolidone and triacetin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : STABLE ANTI-TNFR1 POLYPEPTIDES, ANTIBODY VARIABLE DOMAINS & ANTAGONISTS

(51) International classification :A61K 39/395
(31) Priority Document No :61/255,235
(32) Priority Date :27/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/066046
Filing Date :25/10/2010
(87) International Publication No :WO/2011/051217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DE SILVA, INUSHA
2)SEPP, ARMIN
3)STOOP, ADRIAAN ALLART

(57) Abstract :

The invention relates to storage-stable anti-TNFR1 antibody single variable domains (d Abs), antagonists and multispecific ligands, as well as methods and uses of these. The anti-TNFR1 polypeptides, antibody single variable domains (d Abs), antagonists and multispecific ligands are useful for treating and/or preventing inflammatory disease, such as arthritis or COPD, as well as for pulmonary administration, oral administration, delivery to the lung and delivery to the GI tract of a patient.

No. of Pages : 107 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.892/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHODS AND SYSTEMS FOR PHARMACOGENOMIC TREATMENT OF CARDIOVASCULAR CONDITIONS

(51) International classification	:A61K 31/56,A61P 9/00
(31) Priority Document No	:61/253,020
(32) Priority Date	:19/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/065589
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/048033
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BIANCHI, GIUSEPPE
2)FERRARI, PATRIZIA
3)MACCIARDI, FABIO

(57) Abstract :

Methods and systems are provided herein that are based on the effects of genetic variations on the biological activities associated to rostauroxin in an individual. In particular, compositions, methods and systems are herein described that are based on an identified influence on an individual response to rostauroxin of one or more polymorphisms in an intergenic or intragenic region of a gene selected from the group consisting of KCNS3, THSD7A, FAM46A, LOC389970, HLA-G, and TTC29, and/or a genetic variation in linkage disequilibrium therewith.

No. of Pages : 152 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.893/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : MEAL SUBSTITUTE IN FORM OF BREAD-TYPE COOKED FOOD AND A SPREAD- TYPE CONDIMENT

(51) International classification	:A21D 10/02
(31) Priority Document No	:09306012.7
(32) Priority Date	:26/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/FR2010/052279
Filing Date	:25/10/2010
(87) International Publication No	:WO/2011/051610
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)BLANCHET, JEAN-MARIE

(57) Abstract :

The invention relates to a meal substitute containing nutrients comprising energetic and nutritional intake. Said meal substitute takes the form of a combination of a bread- or cake-type food 5 to be cooked and a spread- or cream-type condiment obtained from two separate powder mixtures to be mixed with water. The components of the mixture for manufacturing the food to be cooked are provided so as to obtain bread or cake after cooking for 2.5 to 6 minutes in a microwave oven, and the components of the mixture 10 are provided so as to obtain the spread or the cream including cooking-sensitive micronutrients.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.912/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : UNDERWATER COMPRESSOR ARRANGEMENT AND UNDERWATER PROCESS FLUID CONVEYING ARRANGEMENT EQUIPPED THEREWITH

(51) International classification	:F04D 13/06
(31) Priority Document No	:10 2009045633.3
(32) Priority Date	:13/10/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/050052
Filing Date	:28/07/2010
(87) International Publication No	:WO/2011/044892
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KLEYNHANS, GEORGE
2)SUTER, ROGER
3)STALDER, CLAUDE

(57) Abstract :

The invention relates to an underwater compressor arrangement (10, 10A) and an underwater process fluid conveying arrangement equipped therewith, wherein the underwater compressor arrangement comprises: a housing (100), a turbocompressor (200) having a compressor rotor (210), and a rotary drive unit (300) having a drive rotor (310), wherein the turbocompressor (200) and the rotary drive unit (300) are arranged in the housing (100) and the compressor rotor (210) is connected to the drive rotor (310) such that the drive rotor rotatably drives the compressor rotor, wherein the housing (100) is hermetically sealed, with the exception of operating connections for the turbocompressor (200) and for the rotary drive unit (300), and wherein the compressor rotor (210) is rotatably supported in the housing (100) by means of a rolling bearing (410).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.914/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROL OF PESTS IN PLANTS

(51) International classification	:C12N 15/83
(31) Priority Document No	:61/246,597
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SG2010/000339
Filing Date	:15/09/2010
(87) International Publication No	:WO/2011/040880
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)YE, JIAN

2)CHUA, NAM-HAI

3)QU, JING

4)GAO, SHI-QIANG

(57) Abstract :

The present invention relates to the field of controlling pests, such as insects, using a virus to express pest genes in hosts. More specifically, the present invention relates to a method for rapidly screening for pest genes which can lead to mortality of the pest when the pest has ingested host tissues expressing virus-linked pest gene sequences. The present invention also relates to a method for controlling pests by viral expression of target pest sequences to modify endogenous expression of pest genes in cells or tissues of the pest.

No. of Pages : 83 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.917/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ORAL SOLID DOSAGE FORM CONTAINING NANOPARTICLES AND PROCESS OF FORMULATING THE SAME USING FISH GELATIN

(51) International classification	:A61K 9/14
(31) Priority Document No	:12/560,813
(32) Priority Date	:16/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048588
Filing Date	:13/09/2010
(87) International Publication No	:WO/2011/034809
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)CROWLEY, KIERAN, JAMES

3)YU, DANNY

(57) Abstract :

An oral solid dosage form containing nanoparticles is made by (a) reducing the particle size of at least one pharmaceutically active ingredient dispersed in a solution containing fish gelatin to form a nanosuspension and (b) freeze-drying the nanosuspension of step (a) to form the oral solid dosage form.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.918/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : PLEAT MAKING DEVICE AND METHODS THEREOF

(51) International classification	:D06J 1/00,D06J 1/12	(71) Name of Applicant : 1)JAIN SUNITI
(31) Priority Document No	:61/252,702	Address of Applicant :34227, SIWARD, DR. FREMONT,
(32) Priority Date	:18/10/2009	CALIFORNIA, 92101, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/052982	1)JAIN SUNITI
Filing Date	:16/10/2010	
(87) International Publication No	:WO/2011/047366	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure pertains to a pleat making device used to create pleats of fabric while the pleat making device is mounted to clothing. The pleat making device can have a frame for supporting the fabric, a fabric securing member for securing the fabric to the frame, and a segment frame hinge that allows for the rotation of a plurality of segment frames around an axis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.919/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD FOR IDENTIFYING HETERO-MULTIMERIC MODIFIED UBIQUITIN PROTEINS WITH BINDING CAPABILITY TO LIGANDS

(51) International classification	:C07K 14/00
(31) Priority Document No	:10186980.8
(32) Priority Date	:08/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/069674
Filing Date	:14/12/2010
(87) International Publication No	:WO/2011/073214
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)NERKAMP, JOERG
3)STEUERNAGEL, ARND
4)FIEDLER, MARKUS
5)FIEDLER, ERIK
6)GOETTLER, THOMAS

(57) Abstract :

The present invention refers to a method for identifying hetero-multimeric ubiquitins with binding capability to a ligand. Furthermore, the invention provides DNA libraries encoding for a population of said hetero-multimeric ubiquitins as well as protein libraries obtained by expression of said DNA libraries, cells and phages containing said DNA or proteins, polynucleotides encoding for said fusion proteins and vectors comprising said polynucleotides. Further new binding proteins based on hetero-multimeric ubiquitin being able to bind specifically with high affinity to selected ligands are provided.

No. of Pages : 92 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.920/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : MODIFIED UBIQUITIN PROTEINS HAVING A SPECIFIC BINDING ACTIVITY FOR THE EXTRADOMAIN B OF FIBRONECTIN

(51) International classification	:C07K 14/00
(31) Priority Document No	:09179147.5
(32) Priority Date	:14/12/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/069665
Filing Date	:14/12/2010
(87) International Publication No	:WO/2011/073208
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)FIEDLER, MARKUS
4)KUNERT, ANJA
5)NERKAMP, JOERG
6)GOETTLER, THOMAS
7)GLOSER, MANJA
8)HAENSSGEN, ILKA

(57) Abstract :

The present invention refers to novel hetero-multimeric proteins obtained from modified ubiquitin capable of binding the extradomain B of fibronectin (ED-B) with high affinity. Furthermore, the invention refers to fusion proteins comprising said recombinant protein fused to a pharmaceutically and/or diagnostically active component. The invention is further directed to the use of said proteins in medical treatment methods.

No. of Pages : 105 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.921/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TREATMENT OF CANCER

(51) International classification :C07D 471/00

(31) Priority Document No :61/242,752

(32) Priority Date :15/09/2009

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

(86) International Application No :PCT/US2010/048973

Filing Date :15/09/2010

(87) International Publication No :WO/2011/034954

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)SCHLUEP, THOMAS

3)RYAN, JOHN

4)DAVIS, MARK

5)OLIVER, JAMES, C.

(57) Abstract :

Provided are methods relating to compositions that include a CDP- topoisomerase inhibitor, e.g., a CDP-camptothecin or camptothecin derivative conjugate, e.g., CRLX101.

No. of Pages : 187 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.901/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : INTEGRATED SYSTEM FOR COLLECTING/ACCUMULATING SOLAR ENERGY FOR HEATING WATER.

(51) International classification	:F24J 2/34
(31) Priority Document No	:1863-2009
(32) Priority Date	:16/09/2009
(33) Name of priority country	:Chile
(86) International Application No	:PCT/CL2010/000038
Filing Date	:15/09/2010
(87) International Publication No	:WO/2011/032303
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GONZALEZ LAGOS, DANIEL RICARDO.

(57) Abstract :

The invention relates to an integrated collector-accumulator system that enables capture and accumulation in the same essentially cylindrical capturing-accumulating element (2), that receives solar light via an insulting transparent cover (4), partly directly and partly be reflection over reflective screens (1) having an essentially circular cross section, where the rotational axes thereof are located in the contour of the jacket of the capturing-accumulating element (2) or inside same. The system also comprises an outer shell (6) that, together with the transparent cover (4), completely envelopes the system, and a thermal insulating material layer (5) between the reflective screens (1) and the outer shell (6), that essentially reduces the heat loss. Said characteristics enable the system to be produced in a very simple and economic manner, due to the savings in material, work force, and production technology necessary for the matrealisation thereof, in addition to a high yield of heating when it is ensured that all of the light incident on the transparent cover (4), whether it be direct, indirect or at any angle of incidence, is absorbed by the capturing-accumulating element (2).

No. of Pages : 14 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.902/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DYE POLYMERS

(51) International classification	:C11D 3/22,C11D 3/40
(31) Priority Document No	:PCT/CN2009/001135
(32) Priority Date	:13/10/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2010/064744
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/045195
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BATCHELOR STEPHEN NORMAN

2)BIRD JAYNE MICHELLE

3)MENG SHENG

4)TAO QINGSHENG

5)WANG JINFANG

(57) Abstract :

The present invention provides polymeric shading dyes to provide a perception of whiteness to white textiles.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2012

(21) Application No.935/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : A METHOD OF MODIFYING THE CARBOHYDRATE CONTENT OF A PLANT

(51) International classification :C12N 15/113
(31) Priority Document No :2009/06506
(32) Priority Date :17/09/2009
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2010/002331
Filing Date :17/09/2010
(87) International Publication No :WO/2011/033371
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)SOUTH AFRICAN SUGARCANE RESEARCH INSTITUTE
(72)Name of Inventor :
1)BOUSSIENGUI-BOUSSIENGUI, GINO
2)KOSSMAN, JENS

(57) Abstract :

A method of modifying at least one carbohydrate in a tissue of a plant is described. The method is typically applied to a sugarcane plant of the genus Saccharum method and includes the steps of inserting into a plant cell a gene silencing cassette which includes nucleic acid operably linked to transcription elements such as a monocotyledonous promoter for transcribing the nucleic acid in a plant cell, wherein transcription of the nucleic acid decreases activity of UMP synthase. The method further includes the steps of regenerating a transgenic plant from the plant cell and producing the tissue with increased carbohydrate content. Vectors for use therefor, as well as a transformed plant cell and a transgenic plant or plant part containing or derived from a transformed plant cell are also described.

No. of Pages : 60 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.936/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : A NON-MOVING PART OR STATIC ELECTRIC GENERATOR

(51) International classification	:H02K 53/00
(31) Priority Document No	:2009904423
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000031
Filing Date	:14/01/2010
(87) International Publication No	:WO/2011/029123
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JASBIR SINGH

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TOOWONG, QUEENSLAND 4066, AUSTRALIA.

(72)Name of Inventor :

1)JASBIR SINGH

(57) Abstract :

A static or non-moving part electric power generator achieved by a changing (fluctuating) magnetic field (flux) by passing a pulsating direct current (DC) through a coil of wire wound on either a magnet or any material capable of producing a magnetic field, which in turn induces an alternating current (AC) in an adjacent secondary coil winding, and wherein a portion of the AC produced is used in recharging a DC source.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.937/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR STREPTOCOCCUS PNEUMONIAE DIAGNOSIS AND SEROTYPING

(51) International classification	:C12Q 1/68
(31) Priority Document No	:09173437.6
(32) Priority Date	:19/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/065733
Filing Date	:19/10/2010
(87) International Publication No	:WO/2011/048104
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)AZIENDA OSPEDALIERO-UNIVERSITARIA MEYER
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FIRENZE-FI-ITALY.
(72)Name of Inventor :
1)AZZARI, CHIARA
2)MORIONDO, MARIA
3)RESTI, MASSIMO

(57) Abstract :

The present invention relates to a method for detecting a specific serotype of S. pneumoniae in a biological sample obtained from a subject, comprising the following steps: a) extracting S. pneumoniae DNA from the sample; b) incubating the extracted DNA under conditions such as to enable the amplification of at least one serotype specific target region comprised in the Cps gene cluster locus of S. pneumoniae and selected from the group of: SEQ ID No. 98 to 128, related kits.

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.940/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HOLLOW PARTICULATE BODY

(51) International classification	:C08J 9/32,C08J 9/224
(31) Priority Document No	:0916281.9
(32) Priority Date	:16/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/EP2010/005698
Filing Date	:16/09/2010
(87) International Publication No	:WO/2011/032704
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPHERITECH LTD

Address of Applicant :THE HEALTH BUSINESS AND TECHNOLOGY PARK, RUNCOM, CHESHIRE WA74QX, UNITED KINGDOM.

(72)Name of Inventor :

1)WELLINGS, DONALD A

(57) Abstract :

A particulate body having a hollow particle and a surface polymer disposed on the outside of the hollow particle and suitable for use in solid phase synthesis, especially production of peptides and oligonucleotides. The particulate body may be used as a chromatography stationary phase column and the buoyancy of the body allows the column to be packed efficiently from the bottom reducing the risk of damage to the stationary phase. The buoyancy of the particulate body may also allow species for example a catalyst to be suspended in a liquid phase to allow reactions, for example hydrolysis of vegetable oil and esterification to produce biodiesel to be carried out with a reduced risk of catalyst loss from a reaction zone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.941/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : THREE DIMENSIONAL POROUS STRUCTURES

(51) International classification	:C08J 9/32
(31) Priority Document No	:0916281.9
(32) Priority Date	:16/09/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/EP2010/005699
Filing Date	:16/09/2010
(87) International Publication No	:WO/2011/032705
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SPHERITECH LTD

Address of Applicant :THE HEALTH BUSINESS AND TECHNOLOGY PARK, RUNCOM, CHESHIRE WA74QX, UNITED KINGDOM.

(72)Name of Inventor :

1)WELLINGS, DONALD A

(57) Abstract :

A 3-dimensional porous polymeric structure comprising a porous polymer structure optionally with particles within the pores of the polymer and wherein the pores have a narrow pore-size distribution. The structure may be made by closely packing particles in a zone to provide a 3-dimensional array, contacting a polymerisable monomer with the array such that the composition fills interstitial spaces between the particles and effecting polymerisation of the monomer whereby a polymer structure is formed around the particles and optionally removing the particles from the structure. The 3-dimensional porous structure may be used in solid phase synthesis, immobilisation, cell culturing and preparation of a stationary phase for chromatographic separation, as an absorbent, an insulating material or in tissue regeneration.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.942/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AN ENCLOSURE FOR A CONDUCTOR OF ELECTRICITY, THE ENCLOSURE BEING PROVIDED WITH CURRENT SENSORS

(51) International classification	:H02B 13/035
(31) Priority Document No	:09 56651
(32) Priority Date	:25/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/064123
Filing Date	:24/09/2010
(87) International Publication No	:WO/2011/036241
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALSTOM TECHNOLOGY LTD.

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

(72)Name of Inventor :

1)JUGE, PATRICE

2)GRANELLI, GUILLAUME

(57) Abstract :

The characteristic casing (1) for surrounding a linear conductor (4) includes at least one inner cavity (7) for receiving at least one fiber-optic or current transformer sensor wound around the casing and providing a current measurement. The cavity is closed except for small openings in the outer wall (14) through which the sensors are inserted, through which the sensors are removed for replacement, and through which the sensors are connected to a measuring instrument. Said cavity is provided with grooves (9) arranged on the surface thereof or in mounted tubes for guiding and supporting the turns of the sensors. One of the walls (14) of the casing (1) is advantageously aligned with the walls of the adjacent casings (2) in order to ensure an even flow of the induced current along the casing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD FOR MANUFACTURING VALVE UMBRELLA PORTION OF HOLLOW ENGINE VALVE, PRESS DEVICE OF VALUE UMBRELLA PORTION OF HOLLOW ENGINE VALVE, AND HOLLOW ENGINE VALVE

(51) International classification	:B21K 1/22,B21J 5/06
(31) Priority Document No	:2009-292226
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061933
Filing Date	:15/07/2010
(87) International Publication No	:WO/2011/077776
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES, LTD.
Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN.
2)YOSHIMURA COMPANY
(72)**Name of Inventor :**
1)YOSHIMURA HYOJI
2)N/A
3)N/A

(57) Abstract :

Conventionally, in hot forging of a valve umbrella portion of a hollow engine valve, poor finish accuracy has been provided, and in cold forging thereof, materials which can be used have been restricted. In addition, in the cold forging and the known hot forging, the number of steps for drawing is increased, which requires a large number of steps for intermediate heating processes such as annealing, with the result that the poor workability has been obtained. In view of this, a semi-finished product having a hollow and an expansion diameter portion is manufactured in advance (first step), and a press device for folding an outer cylinder (4) and an inner cylinder (5) around an entire die set (DS) is used, thereby performing drawing with a body of the semi-finished product the center in a constant temperature atmosphere at any temperature between a room temperature and 870°C (second step).

No. of Pages : 43 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : RECOMBINANT HUMAN CC10 PROTEIN FOR TREATMENT OF INFLUENZA

(51) International classification :A61K 45/00
(31) Priority Document No :61/252,028
(32) Priority Date :15/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052527
Filing Date :21/04/2011
(87) International Publication No :WO/2011/047065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CLARASSANCE, INC.
Address of Applicant :9700, GREAT SENECA HIGHWAY,
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(72)**Name of Inventor :**
1)PILON, APRILE L
2)BORGES, PIERRE PH., D
3)FLAMAND, LOUIS PH., D

(57) Abstract :

Methods of using recombinant human CC10 (rhCC10), also known as recombinant human uteroglobin, to reduce virus titers in the tissues of patients, particularly influenza titers in lung tissues are provided. RhCC10 may be used as a therapeutic in the treatment, cure, or prevention of viral infection, particularly influenza infection. More particularly, methods, including broadly the critical dosage ranges of rhCC10, intravenous and intranasal route of administration, which may be administered to treat, cure or prevent influenza infection are provided. Further provided are compositions useful in the foregoing methods and in administering rhCC10 to humans.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.911/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : USE OF OPIOID RECEPTOR ANTAGONIST FOR GASTROINTESTINAL TRACT DISORDERS

(51) International classification	:A61K 31/497
(31) Priority Document No	:61/243,616
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/049311
Filing Date	:17/09/2010
(87) International Publication No	:WO/2011/035142
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADOLOR CORPORATION

Address of Applicant :65 HAYDEN STREET, LEXINGTON, MASSACHUSETTS 02421, UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)WOODWARD, RICHARD, M.

(57) Abstract :

The disclosure relates to a method of treating or preventing a condition in a subject associated with the activation of an opioid receptor in the periphery by administering an effective amount of 5-(2-methoxy-4-{{2-(tetrahydro-pyran-4-yl)-ethylamino}-methyl}-phenoxy)-pyrazine-2-carboxamide (Compound I). In particular, the disclosure relates to a method of treating or preventing opioid- induced constipation or opioid-induced bowel dysfunction in a human without reducing centrally-mediated opioid analgesia or producing central opioid withdrawal symptoms by administering an effective amount of Compound (I). The disclosure further relates to the use of Compound (I) for the preparation of a medicament for the treatment or prevention of a condition in a subject associated with the activation of an opioid receptor in the periphery.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : METHOD OF FORMING AN ARTICLE FROM NON-MELT PROCESSIBLE POLYMERS AND ARTICLES FORMED THEREBY

(51) International classification :B29C 43/22

(31) Priority Document No :61/244,358

(32) Priority Date :21/09/2009

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

(86) International Application No :PCT/US2010/049523

Filing Date :20/09/2010

(87) International Publication No :WO/2011/035258

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION

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(72)Name of Inventor :

1)SINGH, ROJENDRA

2)PUJARI, VIMAL, K.;

3)RUSHKIN, ILYA, L.

(57) Abstract :

A method of preparing an article includes compressing a polymeric material to form a body and hot isostatic pressing (HIP) the body in an inert atmosphere at a pressure of at least 3 ksi without an encapsulant. The body may optionally be sintered prior to hot isostatic pressing (HIP). The body may have a porosity of not greater than 8 % prior to hot isostatic pressing (HIP). The polymer material may be a non-melt processible polymer.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.946/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TOOTH-PROFILE MANAGEMENT SYSTEM FOR SHAVING- CUTTER GRINDING MACHINE

(51) International classification	:B24B 3/12,B23F 19/06
(31) Priority Document No	:2010-009667
(32) Priority Date	:20/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067505
Filing Date	:06/10/2010
(87) International Publication No	:WO/2011/089761
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)YANASE, YOSHIKOTO

2)HAYASHI, RYUZO

(57) Abstract :

The disclosed system includes a personal computer (10) having correction coefficients (α) for the correction of errors in the tooth profile and correction coefficients (β) for the correction of meshing positions, the correction coefficients being provided for each number of times the shaving cutter has been sharpened and for each shaving-cutter feature. The target tooth-profile data (D_o), the tooth-profile error data (ΔD) which is the difference between the target tooth-profile data (D_o) and the measured tooth-profile data (D_m), and the correction coefficients (α and β) acquired in correspondence with the number of times sharpened and the cutter features are applied to the equation $D_{cc}=D_o+\alpha\cdot\Delta D+\beta$, to find the aimed tooth-profile data (D_{cc}). Then, the shaving-cutter tooth-profile data (d_s) is found from the aimed tooth-profile data (D_{cc}). Thus, the shaving cutter can be sharpened appropriately, even when the outer diameter and the tooth thickness of the shaving cutter are reduced as a result of sharpening the shaving cutter.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.949/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LAP WINDING DEVICE FOR A TEXTILE MACHINE, FOR EXAMPLE A LAP-WINDER, PROVIDED WITH AN AUXILIARY BELT

(51) International classification	:D01G 27/00
(31) Priority Document No	:BS2009A000235
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052766
Filing Date	:18/06/2010
(87) International Publication No	:WO/2011/077267
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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PALAZZOLO SULL'OGGIO, BRESCIA ITALY.

(72)Name of Inventor :

1)TORCOLI, ROBERTO

2)PRANDINI, GIROLAMO

(57) Abstract :

A device (1) of a fibre processing machine, such as a lap-winder, for the formation of a lap, comprises a primary calender (22), provided with an auxiliary belt (40), and a secondary calender (24), greater in diameter than the primary calender.

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.954/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVEMENTS TO LAUNDRY COMPOSITIONS

(51) International classification	:C11D 3/37,C11D 17/00
(31) Priority Document No	:PCT/CN2009/001160
(32) Priority Date	:20/10/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2010/064724
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/047951
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)JONES CHRISTOPHER CLARKSON

2)KILHAMS VANESSA

3)WANG JINFANG

(57) Abstract :

The present invention relates to an emulsion comprising a particle comprising a copolymer of polyethylene terephthalate and polyoxyethylene terephthalate and a silicone liquid and an aqueous continuous phase, a process to make the emulsion, to a laundry composition comprising the emulsion, and to the use of the copolymer to increase silicone deposition onto fabric.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.955/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONDITIONING COMPOSITION COMPRISING AMIDOAMINE AND LACTIC ACID

(51) International classification	:A61K 8/365
(31) Priority Document No	:EP09173618
(32) Priority Date	:21/10/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/064719
Filing Date	:04/10/2010
(87) International Publication No	:WO/2011/047948
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :UNILEVER HOUSE, B.D.SAWANT MARG, CHAKALA, ANDHERI EAST, MUMBAI 400 099, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)BAILEY PETER LAWRENCE

2)BRIGGS STEPHEN LEONARD

3)KOBORI KAYO

(57) Abstract :

Conditioning composition comprising a quaternary conditioning surfactant, an acid neutralized amidoamine surfactant of general formula: R1-C(O)-NH-R2-N(R3)(R4) wherein R1 is a fatty acid chain with from 12 to 22 carbon atoms, R2 is an alkylene group containing from one to 4 carbon atoms and R3 and R4 are, independently, an alkyl group having from one to four carbon atoms and from 0.45 to 4% wt. of the composition lactic acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.961/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : ASSISTING CONTACT CENTER AGENTS AND CUSTOMERS

(51) International classification	:H04M3/51	(71) Name of Applicant :
(31) Priority Document No	:12/475,201	1)AVAYA, INC
(32) Priority Date	:29/05/2009	Address of Applicant :211,MOUNT AIRY ROAD, BASKING
(33) Name of priority country	:U.S.A.	RIDGE, NEW JERSEY 07920, U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GEORGE WILLIAM ERHART
(87) International Publication No	: NA	2)VALENTINE C. MATULA
(61) Patent of Addition to Application Number	:NA	3)DAVID JOSEPH SKIBA
Filing Date	:NA	4)LAWRENCE O'GORMAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of receiving a call from a first caller that is requesting for assistance with a product. Once the call center receives the call, a call-processing switch routes the first caller to a first agent. Once the caller is routed to the first agent, a first message is transmitted to both the first callers terminal and the first agents terminal. After the first message is presented to the first caller and the first agent, the call-processing switch will monitor the communications stream for distress. During monitoring of the communications stream, the call-processing switch will estimate whether a level of distress is present in the communications stream. If it is estimated by the call-processing switch that there is distress present in the communications stream, the call-processing switch will transmit a second message to the first callers terminal and the first agents terminal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.962/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/03/2010

(43) Publication Date : 31/08/2012

(54) Title of the invention : SYSTEM AND METHOD FOR GRAPHICALLY MANAGING COMMUNICATION SESSIONS

(51) International classification	:G06F3/048, H04L12/56, H04M1/00	(71) Name of Applicant : 1)AVAYA, INC Address of Applicant :211,MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, U.S.A.
(31) Priority Document No	:61/164,753	(72) Name of Inventor :
(32) Priority Date	:30/03/2009	1)BIRGIT GEPPERT
(33) Name of priority country	:U.S.A.	2)FRANK ROESSLER
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein are systems, methods, and non-transitory computer-readable storage media for managing a communication session via a graphical user interface (GUI). The method causes a communication device to present a set of connected graphical elements representing a structure of the communication session via the GUI, the communication session comprising at least two communicating users, receive user input associated with the set of connected graphical elements, the user input having an action associated with the communication session, and perform the action based on the received user input. The graphical elements can include images, text, caricatures, and avatars, and can change based on a contacted party context, persona, and presence. Active connections to the communication session can be visually represented as overlapping graphical elements, a line connecting graphical elements, a shape connecting graphical elements, a shape with radiating lines connecting graphical elements, and a common augmented appearance of graphical elements.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.922/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMPOSITION

(51) International classification	:A61K 9/12
(31) Priority Document No	:GB 0918450.8
(32) Priority Date	:21/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/001955
Filing Date	:21/10/2010
(87) International Publication No	:WO/2011/048379
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)MARTYN, GLEN

(57) Abstract :

The invention provides a composition for inhalation comprising a pharmaceutically acceptable glassy matrix and at least one bioactive material within the matrix, wherein the glassy matrix comprises a metal ion salt, wherein the composition is substantially free of polyols and is in the form of a powder and wherein the powder comprises particles having a median geometric diameter of less than 10 µm.

No. of Pages : 91 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.923/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : AIR FILTER

(51) International classification	:H05K 7/20
(31) Priority Document No	:0918597.6
(32) Priority Date	:23/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/001947
Filing Date	:20/10/2010
(87) International Publication No	:WO/2011/048371
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)TINDALE, PATRICK
2)REDSHAW, STUART PETER

(57) Abstract :

An air filter unit (20) configured for attachment to an external wall of an enclosure, the air filter unit comprising an inlet (21) at a base of the unit; a filter (23) formed by a passageway extending from the inlet and lined with bristles extending across the passageway along at least a portion of the passageway length; an outlet (28); and a heat exchanger (24) disposed between the filter and the outlet such that air passing through the inlet and filter passes through the heat exchanger prior to exiting the unit through the outlet, wherein the air filter unit is configured for attachment such that the heat exchanger is disposed above the filter in use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2012

(21) Application No.956/MUMNP/2012 A

(43) Publication Date : 31/08/2012

(54) Title of the invention : DYE POLYMERS

(51) International classification	:C11D 3/40,C11D 3/37
(31) Priority Document No	:PCT/CN2009/001180
(32) Priority Date	:23/10/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2010/065255
Filing Date	:12/10/2010
(87) International Publication No	:WO/2011/047987
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BATCHELOR STEPHEN NORMAN

2)BIRD JAYNE MICHELLE

3)CHEN HONGGANG

4)MENG SHENG

5)TAO QINGSHENG

6)WANG JINFANG

(57) Abstract :

The present invention relates to polymeric shading dye and their use in laundry applications. The polymers are polyethylene imines and the dyes are reactive dyes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.957/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : ANTI-COUNTERFEIT METHOD FOR RANDOM TEXTURE AND RECOGNIZER THEREOF

(51) International classification	:G06K 9/00,D21H 15/06
(31) Priority Document No	:200910196692.0
(32) Priority Date	:28/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/077406
Filing Date	:28/09/2010
(87) International Publication No	:WO/2011/035738
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SUN, XIANLIN

(57) Abstract :

An anti-counterfeit method for random texture and a recognizer thereof are provided by the invention. The method includes the following steps: A. texture material 2 with texture element 1 distributed randomly is selected; B. a recognition system stores inherent recognition feature J of texture element 1; C. random feature S distributed in texture 1 is extracted and stored in the recognition system, and texture 2 is enabled to be anti-counterfeit identification 3; D. in recognizing, the recognition system extracts feature J and random feature S of texture element 1 to be recognized on anti-counterfeit identification 3 to be recognized, and compares respectively feature J with recognition feature J as well as random feature S with random feature S, if one or two of the compared results does not match, anti-counterfeit identification 3 to be recognized is judged not to be anti-counterfeit identification 3, otherwise, anti-counterfeit identification 3 to be recognized is judged to be anti-counterfeit identification 3. The method can be applied to implement that the inherent feature of a texture element is not imitated and deceived by a printed texture element, and it can support a cheap and simple recognizer.

No. of Pages : 40 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.958/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LAUNDRY COMPOSITIONS

(51) International classification	:C11D 3/22,C11D 3/50
(31) Priority Document No	:PCT/EP2009/064702
(32) Priority Date	:05/11/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2009/064702
Filing Date	:05/11/2009
(87) International Publication No	:WO/2011/054389
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)FERGUSON PAUL

2)JONES CHRISTOPHER CLARKSON

(57) Abstract :

The invention relates to a laundry detergent composition comprising a) from 5 to 80 wt.% of an anionic and/or nonionic surfactant; b) from 0.001 to 5 wt.% of micro-fibrous cellulose and, c) from 0.025 to 10 wt.% of perfume particles, with the proviso that when the perfume particles are present at a level of 1.5 wt.% and have a polymeric melamine-formaldehyde shell, then the perfume particles additionally comprise a deposition aid; the invention further relates to a process to make the composition, a method of treatment incorporating the composition and to the use to micro-fibrous cellulose to improve perfume deposition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.950/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : DRAFT DEVICE OF A DRAFTING MACHINE OR A LAP-FORMING MACHINE

(51) International classification :D01G 27/00
(31) Priority Document No :BS2009A000237
(32) Priority Date :28/12/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/055373
Filing Date :23/11/2010
(87) International Publication No :WO/2011/080611
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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PALAZZOLO SULL'OGGIO, BRESCIA ITALY.
(72)Name of Inventor :
1)PRANDINI, GIROLAMO
2)TORCOLI, ROBERTO

(57) Abstract :

A draft device (1) of a drafting machine or lap-forming machine on a spinning line comprises an opening unit (10) positioned upline of the draft unit (2). The opening unit (2) comprises opening cylinders with annular bosses or pairs of overlapping cylinders with a cylindrical helix, suitable to sink into each sliver entering the unit to open it, improving the conditions for subsequent drafting.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.951/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LAP FORMING DEVICE WITH A BELT

(51) International classification	:D01G 27/00
(31) Priority Document No	:BS2009A000226
(32) Priority Date	:17/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/055372
Filing Date	:23/11/2010
(87) International Publication No	:WO/2011/073831
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)PRANDINI, GIROLAMO

2)TORCOLI, ROBERTO

(57) Abstract :

The belt (30) of a lap-forming device (1) is multilayer and has a processing layer (30a) destined to come into contact with the lap, made from polyurethane, an intermediate reinforcement layer (30b) made from polyester fabric and a dragging layer (30c) destined to come into contact with the primary calender (22), made from polyester.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : COMBING MACHINE WITH VARIABLE SPEED CIRCULAR COMB

(51) International classification	:D01G 19/10
(31) Priority Document No	:BS2009A000227
(32) Priority Date	:18/12/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/055880
Filing Date	:16/12/2010
(87) International Publication No	:WO/2011/073942
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)TORCOLI, ROBERTO

2)PRANDINI, GIROLAMO

(57) Abstract :

A combing machine is provided with a transmission device (30) for moving the circular comb at a variable speed. The transmission device 30 comprises a flat intermittent drive, which ensures highly reliable regular functioning.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.972/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : LOCATION METHOD, APPARATUS AND SYSTEM

(51) International classification :H04W 4/02
(31) Priority Document No :CN200910237241.7
(32) Priority Date :05/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/078415
Filing Date :04/11/2010
(87) International Publication No :WO/2011/054302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
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(72)**Name of Inventor :**
1)ZHANG, DAJUN
2)FANG, JIAYI
3)QUAN, HAIYANG

(57) Abstract :

The present invention discloses a location method, apparatus and system, and the method comprises the following steps: a Mobility Management Entity (MME) receives a location service request, selects an Evolved Service Mobile Location Center (E-SMLC), and transmits the location service request including a location identifier to the selected E-SMLC; the MME receives a User Equipment (UE) specific message including the location identifier transmitted by the E-SMLC, and communicates the location information with the E-SMLC using the location identifier. The embodiments of the present invention can ensure the correct delivery of the location information, and further improve the correctness of the location technology.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.973/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SHAFT END SEALING DEVICE AND CONCRETE MIXER PROVIDED WITH THE SAME

(51) International classification :B28C 5/08
(31) Priority Document No :CN 200920219891.4
(32) Priority Date :22/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074653
Filing Date :28/06/2010
(87) International Publication No :WO/2011/047557
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZOU, XIANG
2)CHEN, MINGLIN
3)TAN, XUEJUN

(57) Abstract :

shaft end sealing device and a concrete mixer provided with the same are provided. The shaft end sealing device comprises a wearable ring (31) connected to the mixing tank wall (30) of the concrete mixer, a dust cap (32) connected to a main shaft (21) of the concrete mixer and rotating with the main shaft synchronously, a first clearance (34) formed between the dust cap (32) and the wearable ring (31) and communicated with lubricating oil cavity, a sealing ring (33) arranged between the tank wall (30) and the main shaft (21), and a second clearance (35) formed between the sealing ring (33) and the main shaft (21) to constitute a labyrinth seal and communicated with the first clearance (34). The device can prevent slurry from directly seeping in an oil circuit and leaking out so as to increase the tightness and reliability of the device.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.971/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : BONDED ABRASIVE ARTICLE AND METHOD OF FORMING

(51) International classification :B24D 3/10,B24D 18/00
(31) Priority Document No :61/249,659
(32) Priority Date :08/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052051
Filing Date :08/10/2010
(87) International Publication No :WO/2011/044507
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JEEVANANTHAM, MUTHU
4)BOT-SCHULZ, ROSEMARIE
5)MCNEAL, KELLEY
6)SARANGI, NILANJAN

(57) Abstract :

An abrasive article having an abrasive body including abrasive grains contained within a bond material, wherein the abrasive grains comprise microcrystalline alumina, and wherein the bond material includes less than about 1.0 mol% phosphorous oxide (P₂O₅), and a ratio measured in mol% between a total content of sodium oxide (Na₂O) and a total content of potassium oxide (K₂O) defined by [K₂O/Na₂O] having a value greater than about 0.5.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.975/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CAUGHT OBJECT DETECTION METHOD, SETTING METHOD FOR CAUGHT OBJECT DETECTION DEVICE, CAUGHT OBJECT DETECTION DEVICE, AND OPEN/CLOSE CONTROL DEVICE

(51) International classification	:E05F 15/16
(31) Priority Document No	:2009-248754
(32) Priority Date	:29/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/006151
Filing Date	:15/10/2010
(87) International Publication No	:WO/2011/052152
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)FUJI, SHUNPEI

2)TATEGAMI, TOORU

(57) Abstract :

Disclosed is a method for detecting foreign objects caught in an opening and closing device that moves an opening and closing body by driving a motor. In detection mode, foreign objects caught in the opening and closing device are detected by comparing the signal changes and threshold value that are correlated with the rotating speed of the motor. In setting mode, the respective amounts of motor rotation used for the opening and closing body to reach a first position and a second position, which differs from the first position, from a prescribed reference position by means of driving the motor are detected; and a settings value, which was calculated on the basis of the displacement between the first position and the second position of the opening and closing body and the difference between the amounts of motor rotation respectively detected at the first position and the second position, is set as the threshold value.

No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.995/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : TREATING NEUROTOXICITY ASSOCIATED WITH COMBINATIONS OF 5- FU OR ITS PRODRUGS AND DPD INHIBITORS

(51) International classification	:A61K 31/513
(31) Priority Document No	:61/251,449
(32) Priority Date	:14/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/052734
Filing Date	:14/10/2010
(87) International Publication No	:WO/2011/047195
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SPECTOR THOMAS

(57) Abstract :

Methods for improved administration and dosing of DPD inhibitors in combination with 5-FU and/or 5-FU prodrugs are provided, comprising first administering to a patient in need thereof a DPD inhibitor that substantially eliminates activity of the enzyme in both nervous and non-nervous tissues within the patient and thereafter administering 5-FU or a 5-FU prodrug, wherein the level of 5-FU or 5-FU generated from a prodrug is in substantial excess of DPD inhibitor in the patient.

No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.974/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : SERVO CONTROL APPARATUS

(51) International classification	:H02P 29/00,G05D 3/12
(31) Priority Document No	:2009-291904
(32) Priority Date	:24/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065464
Filing Date	:09/09/2010
(87) International Publication No	:WO/2011/077789
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KURAMOTO HIROHISA

(57) Abstract :

A control unit (100) conducts a servo control of a table (02), which is the load, by conducting a feedback control of a servomotor (40). An inverse characteristic model (300) conducts a feedforward compensation control, by obtaining a speed compensation signal (V300) that compensates the dynamic errors of the mechanical system. When the rigidity of a screw section (31) of a ball screw (30) along the axial direction changes, a rigidity-change compensation unit (400) changes the rigidity value of the screw section along the axial direction that is included in the compensation control transfer function of the inverse characteristic model (300), in accordance with the change in rigidity. Thus, the servo control apparatus compensates such changes in rigidity and conducts an accurate servo control of the position of the table (02), even when the ball screw (30) of the feeding mechanism expands or contracts due to secular change or change in temperature, and rigidity along the axial direction changes.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.988/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : QUICK-FIT CONNECTION

(51) International classification	:F16L 37/091
(31) Priority Document No	:BS2009A000197
(32) Priority Date	:30/10/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/054867
Filing Date	:27/10/2010
(87) International Publication No	:WO/2011/051895
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GIORDANO VINCENZA

(57) Abstract :

The present invention relates to a quick- fit connection for pipes comprising a body (2) having at least one spigot (4), which extends around a longitudinal axis, suitable for being at least partially inserted in the pipe, and a blocking element, suitable for working on the outside of the pipe and for cooperating with the body so as to keep the spigot engaged in the pipe. The blocking element comprises at least one annular blocking body, which identifies a passage section for the pipe and which comprises blocking teeth (101) extending radially internally to interfere with the pipe. Moreover, the blocking element is removable from the body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.989/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : CONTROLLING MOBILITY IN CELLULAR NETWORKS

(51) International classification	:H04W 24/02
(31) Priority Document No	:0918215.5
(32) Priority Date	:19/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/051756
Filing Date	:18/10/2010
(87) International Publication No	:WO/2011/048410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GIUSTINA, ANDREA
2)AL HOUSAMI, HOUSAM

(57) Abstract :

A cellular basestation can select its own mobility parameters in order to achieve desirable effects in terms of the overall network performance. When a cellular basestation forms part of a group of such basestations on a single local area network, it can receive information from the other basestations in the group, for example relating to the loading on the other basestations, and can use this information in order to set mobility parameters. Where the basestation receives loading information from other basestations in the group, it can set mobility parameters so that a user equipment device becomes less likely to select a more highly loaded cell, and more likely to select a less highly loaded cell.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.858/MUMNP/2012 A

(19) INDIA

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

(43) Publication Date : 31/08/2012

(54) Title of the invention : TREATMENT AND PREVENTION OF HIV INFECTION

(51) International classification	:A61K 9/51
(31) Priority Document No	:09170916.2
(32) Priority Date	:22/09/2009
(33) Name of priority country	:EUROPEAN UNION
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(57) Abstract :

This invention relates to the long term treatment of HIV infection by intermittently administering a parenteral formulation comprising brecanavir at relatively long time intervals. This invention further concerns pharmaceutical compositions for parenteral administration, comprising micro- or nanoparticles of brecanavir, suspended in an aqueous pharmaceutically acceptable carrier, for the treatment and prophylaxis of HIV infection.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.998/MUMNP/2012 A

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(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : HEAT EXCHANGER FOR GENERATING STEAM FOR SOLAR POWER PLANTS

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(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
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Filing Date	:NA

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(57) Abstract :

The invention relates to a heat exchanger for generating steam for solar power plants, comprising: an outer casing with an inlet and an outlet port for a heat-emitting medium; an inlet and an outlet collector for a heat-absorbing medium, preferably water, said inlet and outlet collectors lying substantially within the outer casing; and a tube bundle within the outer casing with a number of tube layers comprising continuous tubes, which are designed such that the heat-emitting medium can flow entirely around same and which are designed as flow paths for the heat-absorbing medium from the inlet collector to the outlet collector. The tube bundle is designed in a meandering manner, wherein the heat exchanger for generating steam is designed according to the forced-flow principle so that the heat-absorbing medium, which is fed into the inlet collector, is successively pre-heated, evaporated, and superheated in the course of the flow paths so that a superheated steam exits the outlet collector. The energy required for the pre-heating, evaporation, and superheating is essentially provided entirely by the heat transfer from the heat-emitting medium to the heat-absorbing medium within the heat exchanger.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.999/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : IMPROVED NON-ROUND FLUID FILLED LENS OPTIC

(51) International classification :G02B 1/06
(31) Priority Document No :61/251,155
(32) Priority Date :13/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052362
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(57) Abstract :

An optical and mechanical design of a sealed, non-round fluid-filled lens capable of providing variation of optical power. The fluid lens includes at least three optical components: at least one mostly rigid optical disc, at least one mostly flexible optical membrane and a layer of a transparent fluid that is in communication via a fluid channel with a reservoir of excess fluid contained in a reservoir that can be accessed to augment the fluid volume inside the fluid lens to change the power of the fluid lens. The fluid lens is capable of providing correction of spherical and astigmatic errors, and utilizes contoured membranes to minimize image aberrations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.966/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 31/08/2012

(54) Title of the invention : NESTED CELL ENCAPSULATION

(51) International classification	:G01N 33/50
(31) Priority Document No	:0918564.6
(32) Priority Date	:22/10/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/EP2010/006459
Filing Date	:22/10/2010
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(61) Patent of Addition to Application Number	:NA
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Filing Date	:NA

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(57) Abstract :

The invention relates to a method for encapsulating living cells and labels, as well as encapsulated labelled cells and kits for performing such encapsulation. The encapsulated cells are useful in multiple parallel tissue culture experiments, where the labels in each microcapsule may be used to decipher a cells path through a series of culturing steps.

No. of Pages : 48 No. of Claims : 29

CONTINUED TO PART- 2