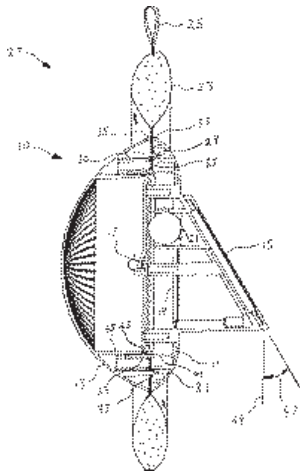


(21) 556160 (22) 19 Jan 2006
 (54) Methods for treating adhesive capsulitis
 (86) PCT/US2006/001980 (87) WO2006/078870
 (51) IP2009.01:A61K38/48
 (71) The Research Foundation of State University of New York
 (72) Badalamente, Marie; Wang, Edward;
 (31) 05 645772 (32) 21 Jan 2005 (33) US
 (31) 05 677440 (32) 3 May 2005 (33) US
 (31) 05 719470 (32) 22 Sep 2005 (33) US
 (74) Pizeys Patent and Trade Mark Attorneys, Level 2, Woden Plaza Offices, Woden Town Square, Woden, ACT 2606, Australia
 (57) Disclosed is the use of an effective amount of collagenase in the manufacture of a medicament for treating or preventing adhesive capsulitis in a subject in need of such treatment or prevention, wherein said treatment of prevention comprises delivering said medicament to collagenous adhesions in the shoulder.

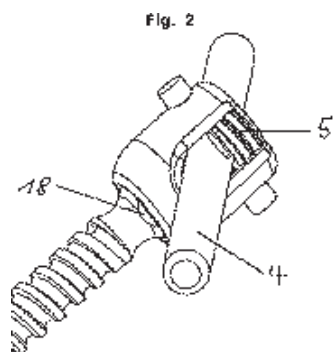
(21) 556173 (22) 25 Jun 2007 (23) 25 Jun 2008
 (54) Improvements in and relating to night lights
 (51) IP2009.01:F21L4/08; H01K1/18; F21V21/008,08; F21V33/00; F21W131/30; H01L31/042
 (71) PRUJO LIMITED
 (72) Pruden, Shona Lurline;
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand
 (57) A night light 10 having a body which supports a light source 17, a battery charger 19 and a photovoltaic or solar cell 15, the body being adapted to house a rechargeable battery and the night light 10 being configured to recharge the battery using the photovoltaic or solar cell 15 and the battery charger 19 when in use, and wherein the night light 10 also includes means adapted to suspend the night light 10 from, or adjacent to, a window.



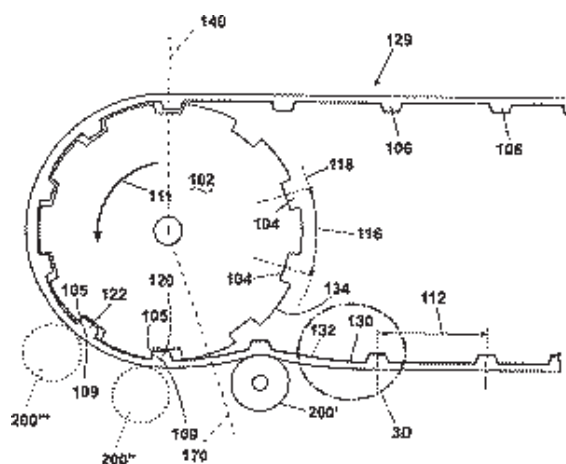
(21) 556284 (22) 5 Jan 2006
 (54) Method for prognosis or selection of treatment of cancer comprising detecting expression of EphB2
 (86) PCT/US2006/000497 (87) WO2006/074392
 (51) IP2009.01:C12Q1/68
 (71) GENENTECH, INC
 (72) Jubb, Adrian M; Koeppen, Hartmut;
 (31) 05 642164 (32) 6 Jan 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a method for prognosis of cancer in a human patient, the method comprising: (a) detecting expression of EphB2 in a biological sample from the patient, and in a control sample; (b) comparing expression of EphB2 in the biological and control samples; and (c) predicting cancer prognosis of the patient based on the comparison in (b), wherein increased EphB2 expression in the patient biological sample relative to a control sample is prognostic for cancer in the subject.

(21) 556338 (22) 21 Feb 2006
 (54) Phosphate salts of 6-dimethylaminomethyl-1-(3-methoxyphenyl)-1,3-dihydroxy-cyclohexane compounds
 (86) PCT/EP2006/001547 (87) WO2006/089707
 (51) IP2009.01:C07C217/54; A61K31/135
 (71) Grunenthal GmbH
 (72) Gruss, Michael; Fischer, Andreas; Wolfgang Hell;
 (31) 05 0509217 (32) 25 Feb 2005 (33) DE
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) The invention relates to 6-dimethylaminomethyl-1-(3-methoxyphenyl)-1,3-dihydroxycyclohexane compounds in the form of phosphate salts, to processes for preparing them and to the use of these compounds in pharmaceuticals.

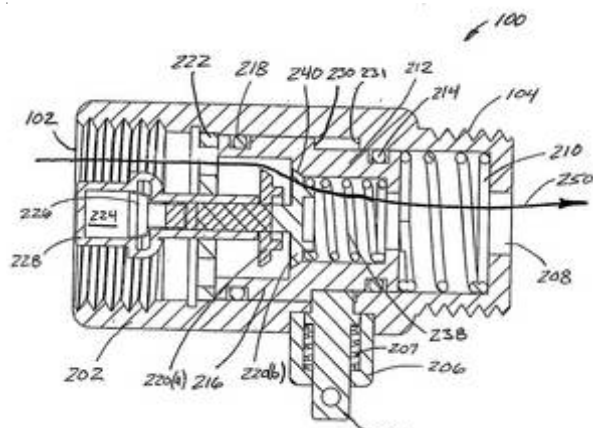
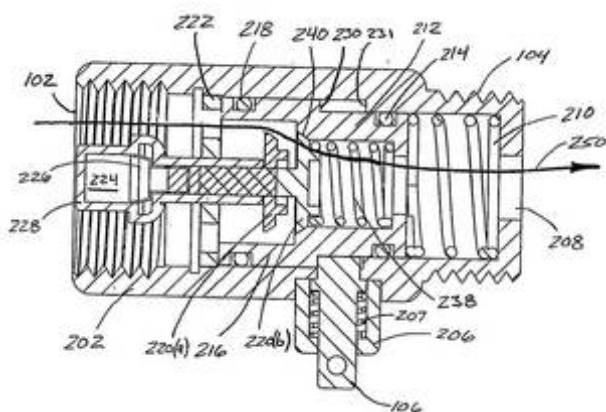
(21) 556356 (22) 8 Feb 2006
 (54) Spinal fixing device
 (86) PCT/DE2006/000211 (87) WO2006/084443
 (51) IP2009.01:A61B17/70
 (71) Henning KLOSS
 (72) Kloss, Henning; Schafer, Bjorn;
 (31) 05 0505647 (32) 8 Feb 2005 (33) DE
 (31) 05 661927 (32) 16 Mar 2005 (33) US
 (74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand
 (57) The disclosure relates to a vertebral column stabilising device comprising at least two pedicle screws and at least one connecting element therebetween. Said invention also relates to pedicle screws which combine advantages of monoaxial and polyaxial screws in such a way that disadvantages thereof are avoided. For this purpose, the screw head is fixedly mounted on the screw shaft in order to ensure an optimal replacement of vertebra, wherein a movable spherical element arranged in the screw head eases the introduction of a connection element through the screw head and is fixedly connectable thereto after a successful introduction.



(21) 556583 (22) 19 Jan 2006
 (54) Low friction, direct drive conveyor belt
 (86) PCT/US2006/002013 (87) WO2006/078890
 (51) IP2009.01:B65G23/06
 (71) THERMODRIVE LLC
 (72) Degroot, Michael;
 (31) 05 593493 (32) 19 Jan 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A direct drive conveyor 129 comprising an endless belt, stretchable through its length, at least one drive pulley wherein one of the belt and the pulley has teeth 106 and the other of the belt and the pulley has sheaves 104 adapted to receive the teeth as the belt wraps around the pulley to an exit point wherein the drive pulley and the belt have different pitches, and a position limiter 200 disposed against the belt near the exit point so that the driven tooth will stay engaged with the recess in which the driven tooth is received for rotation of the pulley equivalent to more than the length of one pulley pitch.
 Divisional filed as 580726



(21) 556644 (22) 17 Jan 2006
 (54) Temperature-controlled valve
 (86) PCT/US2006/001923 (87) WO2006/076732
 (51) IP2009.01:G05D23/02; F16K31/64
 (71) ShowerStart, LLC
 (72) Lockhart, John;
 (31) 05 644192 (32) 14 Jan 2005 (33) US
 (31) 05 154404 (32) 15 Jun 2005 (33) US
 (74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia
 (57) A temperature-controlled valve 100 comprising a valve body 202 having an input and an output, the input configured to accept incoming fluid flow 250 having a temperature, a release mechanism coupled to the valve body 202 having a released state and a locked state, a thermal actuator 228 moveably attached to the valve body 202, the thermal actuator 228 configured to restrict flow of the incoming fluid to the output when the fluid temperature reaches a threshold temperature and the release mechanism is in the locked state, and to allow flow 250 of the incoming fluid to the output when the release mechanism is in the released state, wherein the release mechanism allows flow 250 of fluid regardless of temperature and automatically returns to the locked state.



(21) 556699 (22) 12 Oct 2004 (23) 12 Oct 2005
 (54) Dairy product and process
 (51) IP2009.01:A23C9/142; A23C7/04; A61K35/20; A23C9/14; C11B11/00; A61P31/00
 (71) Fonterra Co-operative Group Limited
 (72) Fletcher, Katrina; Catchpole, Owen John; Grey, John Bertram; Pritchard, Mark;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

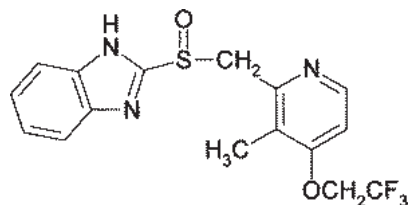
(57) Disclosed is an infant formula comprising, beta-serum or low-lactose beta-serum. The formula may also comprise lactose, vegetable oils, skim milk powder and whey protein concentrate. Also disclosed is an infant formula comprising as an ingredient a fraction obtained from beta-serum enriched in polar lipids or depleted in neutral lipids or both.

Divisional filed as 579681

(21) 556706 (22) 13 Jan 2006
 (54) Process for preparing lansoprazole by oxidation in the presence of vanadium(V) oxytrifluoride, vanadium(V) triesters and mixtures thereof
 (86) PCT/EP2006/000285 (87) WO2006/074952
 (51) IP2009.01:A61K31/4439; A61P1/04; C07D401/12; C07D213/68; C07D235/28
 (71) KRKA tovarna zdravil, d.d., Novo mesto
 (72) Kotar-Jordan, Berta; Vrečer, Franc; Segula Zakelj, Mojca; Ritlop, Gregor;
 (31) 05 05000663 (32) 14 Jan 2005 (33) EP
 (31) 05 269211 (32) 8 Nov 2005 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a process for preparing lansoprazole represented by formula (I), which comprises oxidising the corresponding thio-ether precursor with an oxidizing agent in the presence of a vanadium catalyst selected from the group consisting of vanadium(V) oxytrifluoride, vanadium(V) triesters (such as vanadium(V) oxytriethoxide, vanadium(V) oxytriisopropoxide or vanadium(V) oxytriisopropoxide) and mixtures thereof, and optionally recovering the lansoprazole.

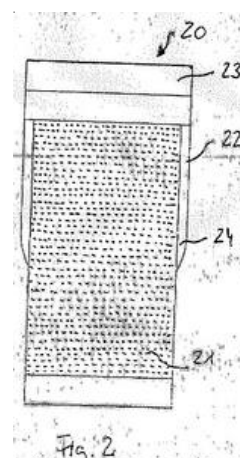
Divisional filed as 580784



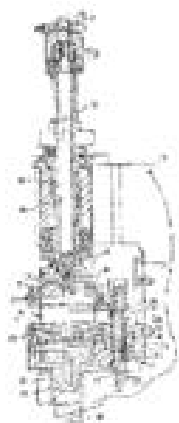
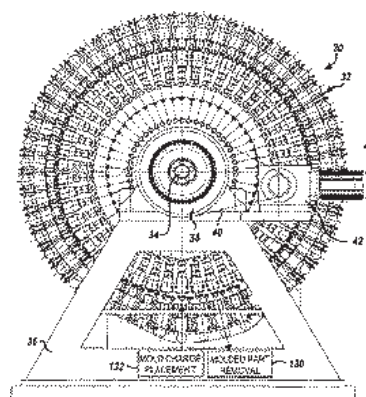
(I)

(21) 556711 (22) 18 Nov 2005
 (54) Infusion unit with handle having longitudinal fold line to enable use in two different modes
 (86) PCT/EP2005/012376 (87) WO2006/084494
 (51) IP2009.01:B65D81/00; B65D85/808,812
 (71) Halssen & Lyon GmbH
 (72) Burchard, Jorn;
 (31) 05 05002923 (32) 11 Feb 2005 (33) EP
 (74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia

(57) The disclosure relates to an infusion unit comprising a bag part (21) which contains an infusion material, preferably tea leaves, and a handle (22) which is connected to the bag part (21). Said type of infusion unit can be improved in such a manner that it is suitable for preparing high-quality infusion drinks, in particular, for street vendors. According to the disclosure, the handle (22) is a plate-shaped element, made of, preferably, paper, cardboard or plastic, whereon the bag part (21) is directly secured such that it is seen in the direction of the elongate extension of the handle (22), and is arranged between opposite lying ends (23, 24) of the handle (22) such that the handle extends on both sides over the connection point of the handle (22) with the bag part (21) when the handle (22) and the bag part (21) are tilted against each other about 90 DEG. The unit also has a centrally located fold line (not shown) running along the longitudinal extent when viewed from ends 23 to 24 so as to enable the unit to be used in different modes of operation.



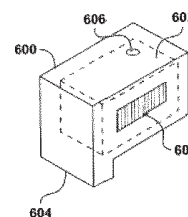
(21) 556771 (22) 5 Jun 2006
 (54) Apparatus and method for inverting a stop flange on a tamper-indicating closure
 (86) PCT/US2006/021733 (87) WO2006/138095
 (51) IP2009.01:B29C69/02; B29C57/00; B65D41/34; B29C57/12
 (71) REXAM CLOSURE SYSTEMS INC.
 (72) Mattice, Daniel L;
 (31) 05 156113 (32) 17 Jun 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) An apparatus for inverting the stop flange on a tamper-indicating closure (12), from an axially outwardly oriented position as molded to an axially inwardly oriented position for use, includes a support base (20) for supporting the closure such that the stop flange as molded is spaced from and oriented away from the support base. A pedestal (28) is movably carried by the support base at a position spaced from the support base. A locator ring (40) is carried by the pedestal and movable with the pedestal to engage the stop flange on a closure carried by the support base and to bend the stop flange radially inwardly. An inversion ring (64) moves through the locator ring to engage and invert the stop flange that is bent radially inwardly by the locator ring.



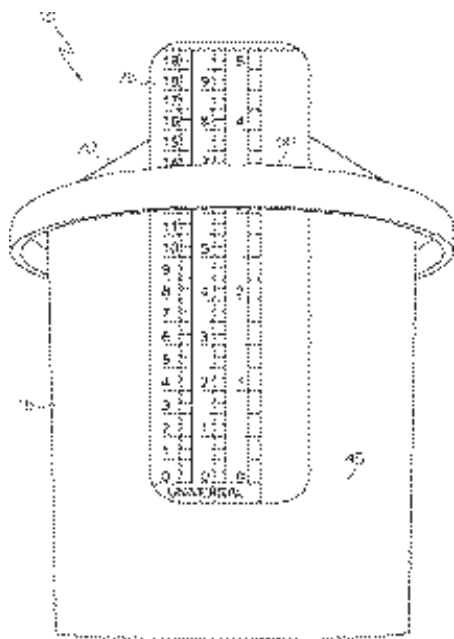
(21) 556798 (22) 5 Jun 2006
 (54) Vertical wheel machine and method and method for compression molding sealing liners
 (86) PCT/US2006/021610 (87) WO2006/138090
 (51) IP2009.01:B29C31/04; B29C43/34
 (71) REXAM CLOSURE SYSTEMS INC.
 (72) Mattice, Daniel L; Willingham, Wendell D;
 (31) 05 155275 (32) 17 Jun 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) An apparatus for compression molding sealing liners in premade closure shells includes a shell loader for presenting premade closure shells in sequence, a mold charge placement device (132) for placing charges of liner material into the premade shells, and a vertical wheel molding machine (30) for receiving the closure shells in sequence from the loader and compression molding the mold charges to form sealing liners within the closure shells. The vertical wheel molding machine preferably includes a wheel (32) mounted for rotation around a horizontal axis and a plurality of angularly spaced molds disposed around the wheel. Each of the molds preferably includes a first mold segment and a second mold segment disposed radially outwardly of the first mold segment. One of the first and second mold segments, preferably the second mold segment, includes a nest for receiving a premade closure shell. The other of the first and second mold segments, preferably the first mold segment, includes a core for engaging and compression molding the mold charge of liner material within the shell.

(21) 560201 (22) 13 Jan 2006
 (54) Meningococcal conjugate vaccination comprising N. meningitidis and tetanus toxoid
 (86) PCT/GB2006/000120 (87) WO2006/075170
 (51) IP2009.01:A61K47/48; A61K39/095
 (71) Novartis Vaccines and Diagnostics SRL
 (72) Marshall, Cameron John;
 (31) 05 0500787 (32) 14 Jan 2005 (33) GB
 (74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia
 (57) Disclosed is the use of a composition comprising a plurality of Neisseria meningitidis capsular saccharide conjugates in the manufacture of a medicament for preventing a disease caused by N meningitidis in a subject that has been pre-immunized with a tetanus toxoid and/or a conjugate of a capsular saccharide of an organism other than N. meningitidis and a tetanus toxoid, wherein said composition comprises at least two of (a), (b), (c) and (d) selected from the group consisting of:
 (a) a conjugate comprising (i) the capsular saccharide of serogroup A Neisseria meningitidis and (ii) a tetanus toxoid;
 (b) a conjugate comprising (i) the capsular saccharide of serogroup C N. meningitidis and (ii) a tetanus toxoid;
 (c) a conjugate comprising (i) the capsular saccharide of serogroup WI 35 N. meningitidis and (ii) a tetanus toxoid; and
 (d) a conjugate comprising (i) the capsular saccharide of serogroup Y N. meningitidis and (ii) a tetanus toxoid.

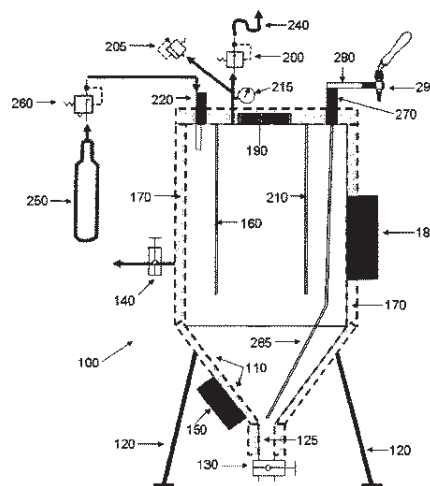
(21) 560231 (22) 21 Feb 2006
 (54) Rapid tooling system and methods for manufacturing abrasive articles
 (86) PCT/US2006/005916 (87) WO2006/091520
 (51) IP2009.01:B24D11/00; B24D18/00
 (71) SAINT-GOBAIN ABRASIVES, INC.
 (72) Nevoret, Damien; Swei, Gwo; Zanolli, Alain;
 (31) 05 062900 (32) 22 Feb 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A rapid structuring media cartridge includes a cartridge body, a first binder and first abrasive particles. The cartridge is operable to deposit successive patterned layers including the first binder and first abrasive particles to form an abrasive structure.



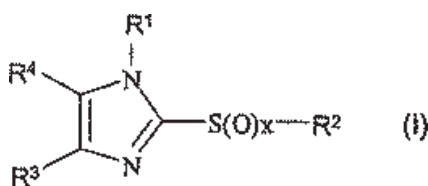
(21) 560253 (22) 25 Jan 2006
 (54) Fluid supply assembly with measuring guide
 (86) PCT/IB2006/050271 (87) WO2006/079981
 (51) IP2009.01:G01F19/00; G01F23/04
 (71) ILLINOIS TOOL WORKS INC
 (72) Kosmyna, Michael J; Wisniewski, Ralph A;
 (31) 05 648478 (32) 31 Jan 2005 (33) US
 (74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia
 (57) A sliding measuring scale for measuring fluid components inside a fluid container. The measuring guide is fitted on the container lid. A method for using such measuring guide is also described.



(21) 560271 (22) 1 Aug 2007 (23) 31 Jul 2008
 (54) Home brew system
 (51) IP2009.01:C12C13/00,10
 (60) 560271
 (71) Anders Gordon Warn; Ian Stuart Williams
 (72) Williams, Ian Stuart; Warn, Anders Gordon;
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand
 (57) The invention is a home or small scale brewing vessel (100) for making and storing fermented alcoholic beverages such as beer, cider, mead, wine. The vessel comprises of a pressure vessel having a temperature control system (150, 160, 180, 210) to selectively control the temperature of the contents of the vessel, means for collecting (125) and substantially separating (130) any sediment from the remaining contents of the vessel, a gas inlet (220), and a pressure-regulated draw off mechanism (270) for drawing off the contents of the vessel at a desired pressure. Accordingly the vessel is thereby capable of accommodating at least the brewing steps of fermentation, maturation, gassing up and draw off so that, in use, the risk of contamination of the contents of the vessel by air and/or undesirable micro organisms during brewing is minimized thereby producing an improved quality beverage.

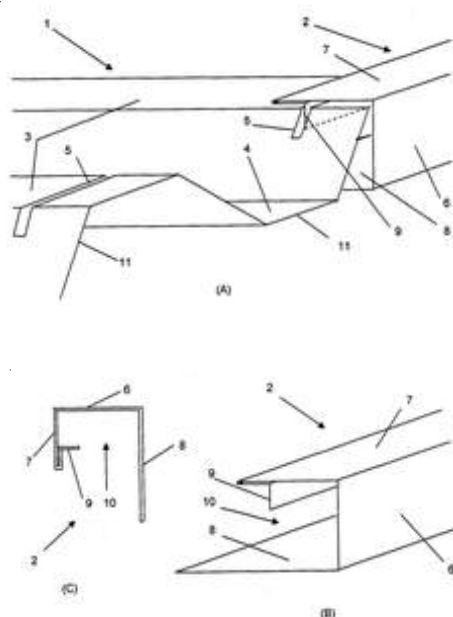


(21) 560264 (22) 27 Feb 2006
 (54) 2-sulfinyl-and 2-sulfonyl-substituted imidazole derivatives and their use as cytokine inhibitors
 (86) PCT/EP2006/001801 (87) WO2006/089798
 (51) IP2009.01:C07D401/04; A61K31/435; A61P29/00
 (71) Merckle GmbH
 (72) Albrecht, Wolfgang; Greim, Cornelia; Striegel, Hans-Gunter; Tollmann, Karola; Merckle, Philipp; Laufer, Stefan;
 (31) 05 05004369 (32) 28 Feb 2005 (33) EP
 (31) 05 656389 (32) 28 Feb 2005 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) The disclosure relates to 2-sulfinyl- or 2-sulfonyl-substituted imidazole derivatives of the formula (I) in which the radicals R1, R2, R3 and R4 have the meaning indicated in the description. These compounds have an immunomodulating and/or cytokine release-inhibiting effect and are therefore suitable for the treatment of disorders associated with an impairment of the immune system.



(21) 560359 (22) 6 Feb 2006
 (54) Anti-T cell and autoantigen treatment of autoimmune disease using CD3 monoclonal antibodies and glutamic acid decarboxylase, insulin, beta cell protein or a combination thereof.
 (86) PCT/CA2006/000144 (87) WO2006/081669
 (51) IP2009.01:C12N15/82; A61K31/519,52; A61K38/13,20; A61K39/00,395; A61P3/10; C12N15/24,60
 (71) DOW AGROSCIENCES, LLC; PLANTIGEN INC.
 (72) Jevnikar, Anthony; Ma, Shengwu; Ainley, William Michael; Merlo, Donald Joseph; Russell, Sean Michael; Armstrong, Janna M;
 (31) 05 649565 (32) 4 Feb 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Discloses the use of:
 (a) an anti-T cell therapy, wherein said anti-T cell therapy comprises at least one immunosuppressant agent that targets T cells, most preferably an anti CD3 monoclonal antibody; and
 (b) an autoantigen composition comprising an immunoregulatory cytokine, wherein said autoantigen is a glutamic acid decarboxylase (GAD), insulin, a beta cell protein, or a combination thereof; in the manufacture of a medicament for the treatment of new onset Type I diabetes in a mammal or a pre-Type I diabetic mammal, wherein (a) and (b) are concurrently or sequentially administrable.

(21) 560463 (22) 6 Aug 2007 (23) 3 Jul 2008
 (54) Panel with capping engaged in panel edge groove
 (51) IP2009.01:E04C2/00; E04B2/00; E04C2/08,32; E04B2/72
 (71) Riverlea Industries Limited
 (72) Dunn, Kerry Andrew; Suckling, Grant Lawson;
 (74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand
 (57) A method of forming a panel fence with panels 1 having ridges 3 and a capping rail 2 includes sliding the capping rail onto the top edge 11 of the panel so that the bearing ledge 9 of the capping rail is slid and fitted into the groove 5 extending across the ridges of the panel adjacent the top edge. The particular panel system and capping rail as illustrated are claimed.



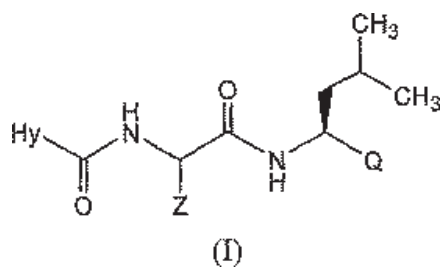
(21) 560477 (22) 8 Feb 2005
 (54) Alcoholic beverage enriched with purified isotopologue water molecules
 (86) PCT/RU2005/000044 (87) WO2006/085784
 (51) IP2009.01:C12C5/00; C12G1/02; C12G3/04
 (71) Woodford Associates Limited
 (72) Soloviev, Sergey Pavlovich;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) The disclosure relates to production of an alcoholic beverage enriched with 1H216O in comparison with typical alcoholic beverage composition. This is provided by addition to alcoholic beverage highly pure light water comprising 1H216O from about 99.76% to about 99.99 % by weight of water, while the content of 1H216O in typical water is no more than 99.575 by weight of water. The addition of highly pure light water to alcoholic beverage composition leads to lowering of the ethanol toxicity.

(21) 560478 (22) 8 Feb 2005
 (54) Non-alcoholic beverage enriched with purified isotopologues of water molecules
 (86) PCT/RU2005/000045 (87) WO2006/085785
 (51) IP2009.01:A23L2/00,38; A61K33/00
 (71) Woodford Associates Limited
 (72) Soloviev, Sergey Pavlovich;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) The disclosure relates to production of non-alcoholic beverage enriched with 1H216O in comparison with typical non-alcoholic beverage composition. This is provided by addition to non-alcoholic beverage highly

pure light water comprising 1H216O from about 99.76% to about 99.99 % by weight of water, while the content of 1H216O in typical water is no more than 99.575 by weight of water. Said non-alcoholic beverage enriched with 1H216O in an amount no less than 99.76% by weight of water, includes drinking water, table drinking water, mineralized water, mineral water, mineral table water, treatment-prophylactic mineral water, mineral-medicinal water; blended beverage which is table beverage, beverage for special purposes, refreshing beverage, cool beverage, tonic, lemonade, non-alcoholic cocktail; and beverage which is juice, nectar, kisel, mors, tea, kvass, non-alcoholic beer. The taking non-alcoholic beverages enriched with 1H216O, wherein the content of 1H216O is no less than 99.76% by weight of water of said non-alcoholic beverage prepared in accordance with present invention improves human wellness and life quality.

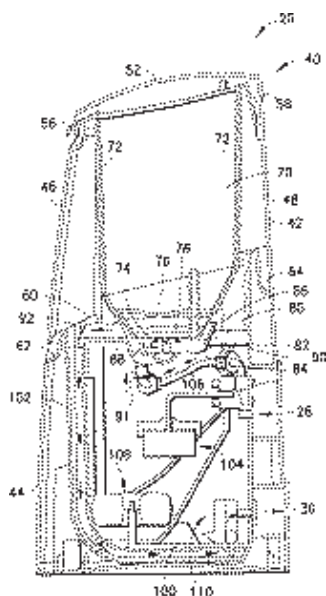
(21) 560518 (22) 21 Feb 2006
 (54) System and method for using time-distance characteristics in acquisition, processing and imaging of T-CSEM data
 (86) PCT/US2006/005952 (87) WO2006/089269
 (51) IP2009.01:G01V3/38,12
 (71) BP Corporation North America Inc.
 (72) Thomsen, Leon A; Allegar, Norman A; Dellinger, Joseph A; Jilek, Petr; Johnson, Daniel; Xia, Ganyuan;
 (31) 05 654378 (32) 18 Feb 2005 (33) US
 (74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia
 (57) A method of geophysical exploration of the earth in which an EM survey was acquired that covers a predetermined volume of the earth is provided. The survey includes a number of EM traces, and in which at least the EM traces are used to obtain an image of at least a portion of the predetermined volume of the earth. The method includes correcting at least one EM signal trace for at least one of attenuation and dispersion at a number of different frequencies according to at least one parameter "Q" and at least one EM velocity to produce an image of at least a portion of the predetermined volume of the earth, where "Q" is a quality factor related to a transmission of EM signals within the predetermined volume of the earth.

(21) 560607 (22) 10 Feb 2006
 (54) Proteasome inhibitors and methods of using the same
 (86) PCT/US2006/004664 (87) WO2006/086600
 (51) IP2009.01:C07F5/02; A61K31/69; A61P35/00; A61P43/00
 (71) Cephalon, Inc
 (72) Oliva, Ambrogio; Bernardini, Raffaella; D'Arasmo, Germano; Cassara, Paolo G; Bernareggi, Alberto; Menta, Ernesto;
 (31) 05 652370 (32) 11 Feb 2005 (33) US
 (31) 06 351193 (32) 9 Feb 2006 (33) US
 (74) WATERMARK PATENT & TRADE MARK ATTORNEYS, Level 2, 302 Burwood Road, Hawthorn, Victoria 3122, Australia
 (57) The disclosure relates to boronic acid compounds for formula (I), boronic esters, and compositions thereof that can modulate apoptosis such as by inhibition of proteasome activity. These compounds and compositions can be used in methods of inducing apoptosis and treating diseases such as cancer and other disorders associated directly or indirectly with proteasome activity.



(21) 560748 (22) 9 Jan 2006
 (54) Chemical feeder for introducing chemicals into a swimming pool
 (86) PCT/US2006/000548 (87) WO2006/078482
 (51) IP2009.01:B01D11/02
 (71) ARCH CHEMICALS, INC.
 (72) Blanchette, David W; Zetena, Christopher M; Paloian, Michael; Orchard, Anthony R;
 (31) 05 40511 (32) 21 Jan 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A feeder device 20 for introducing one or more chemicals to a fluid comprising a housing 40 having an inlet 28 through which the fluid flows into the feeder device 20 at an inlet flow rate and an outlet 36 through which the fluid flows out of the feeder device 20 at an outlet flow rate, a hopper 70 having sidewalls 72 and at least an open bottom 74, the hopper 70 defining a top portion of the housing 40, a grid 76 at least partially closing the open bottom 74, the grid 76 having a top surface 78 and a bottom surface 80, the grid 76 and the hopper 70 adapted to hold the one or more chemicals so that the one or more chemicals are supported by the top surface 78 and are contained by the hopper sidewalls 72, a dissolving cup 82 at least partially containing the hopper 70 and the bottom surface of the grid 76, the dissolving cup having a bottom surface 84 and sidewalls 86 joined thereto, the sidewalls 86 extending upwardly above the top surface 78 of the grid 76, the bottom surface 84 including a center nozzle 90 in fluid communication with the inlet 28 and oriented vertically toward the grid 76, the bottom surface 84 positioned a predetermined distance from the top surface 78 of the grid 76, the sidewalls 86 having an opening 88 formed therein, the opening 88 having a predetermined cross-sectional area, a spout fluidly connected with the opening 88, the spout defining a horizontal channel having channel walls and a channel floor, the channel floor positioned a predetermined distance above the bottom surface of the dissolving cup, and an outlet chamber in fluid communication with the spout and the outlet 36, the outlet chamber defining a bottom portion of the housing 40.

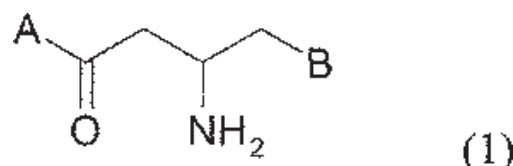


(21) 560789 (22) 30 Mar 2006
 (54) Dipeptidyl peptidase-IV (DPP-IV) inhibiting compounds, methods of preparing the same, and pharmaceutical compositions containing the same as an active agent
 (86) PCT/KR2006/001169 (87) WO2006/104356
 (51) IP2009.01:C07D471/04
 (71) LG LIFE SCIENCES, LTD.
 (72) Lee, Chang-Seok; Koh, Jong Sung; Koo, Ki Dong; Kim, Geun Tae; Kim, Kyoung-Hee; Hong, Sang Yong; Kim, Sungsub; Kim, Min-Jung; Yim,

Hyeon Joo; Lim, Dongchul; Kim, Hye Jin; Han, Hee Oon; Bu, Seong Cheol; Kwon, Oh Hwan; Kim, Sung Ho; Hur, Gwong-Cheung; Kim, Ji Young; Yeom, Zi-Ho; Yeo, Dong-Jun;

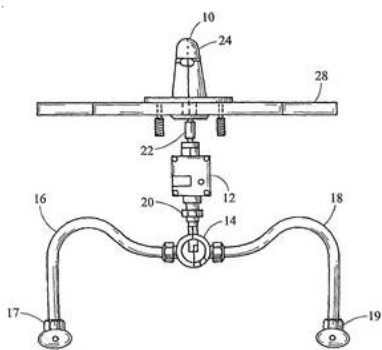
(31) 05 050027756 (32) 1 Apr 2005(33) KR
 (31) 05 050053761 (32) 22 Jun 2005 (33) KR
 (31) 05 050085980 (32) 15 Sep 2005 (33) KR
 (31) 05 050122361 (32) 13 Dec 2005 (33) KR
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed are Dipeptidyl Peptidase-iv inhibiting compounds of formula 1 wherein "A" is selected from formulas 2-7 and "B" is selected from formulas 8-11 as described in the specification and pharmaceutical compositions containing the same as an active agent.



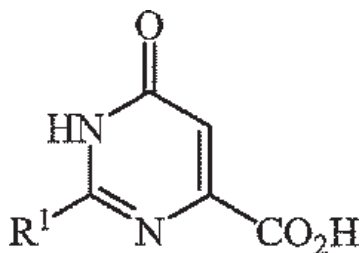
(21) 560793 (22) 24 Apr 2003
 (54) Use of TNFalpha antibodies and another drug
 (51) IP2009.01:A61K39/395
 (71) ABBOTT BIOTECHNOLOGY LTD
 (72) Fischkoff, Steven; Chartash, Elliot;
 (31) 02 133715 (32) 26 Apr 2002 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is the use of a human TNF-alpha antibody or antigen binding fragment thereof, in the manufacture of a medicament for the treatment of rheumatoid arthritis, wherein the medicament is formulated for administration in combination with influenza virus vaccine polyvalent.
 Divisional filed as 575067

(21) 560880 (22) 8 Feb 2006
 (54) Automatic proximity faucet
 (86) PCT/US2006/004381 (87) WO2006/093636
 (51) IP2009.01:E03C1/04,05
 (71) TECHNICAL CONCEPTS, LLC
 (72) Jost, George J; Bellinger, Sean; McDermott, Jerry;
 (31) 05 67549 (32) 25 Feb 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A hands-free faucet in the proximity of an electrical ground to provide water from at least one reservoir is provided. The faucet includes: a conductive sensing plate; a capacitor-based sensor circuit electrically connected to the sensing plate; a non-conductive valve housing having a valve inlet and valve outlet, wherein the valve outlet is operatively connected to the conductive sensing plate; a non-conductive seating ring situated between the valve inlet and the valve outlet; a conductive connector traversing the seating ring; and a grounding wire connecting the capacitor-based sensor circuit to the electrical ground.



- (21) 561162 (22) 23 Apr 2004
 (54) Human granzyme B protease variant wherein cystein 228 is mutated to phenylalanine
 (51) IP2009.01:C07K19/00; C12N9/64
 (71) F. Hoffmann-La Roche Ltd; Anaphore, Inc
 (72) Lorensen, Rikke Hoegh; Fynbo, Charlotte Harkjaer;
 (31) 03 464663 (32) 23 Apr 2003 (33) US
 (31) 03 00616 (32) 23 Apr 2003 (33) DK
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is a human Granzyme B protease variant wherein the Cystein residue no. 228 (chymotrypsinogen numbering) is mutated to Phenylalanine.
 (62) *Divided Out of 543557*

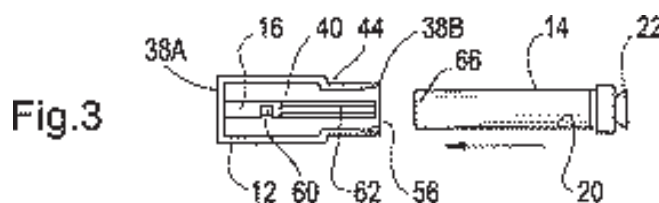
- (21) 561399 (22) 28 Apr 2006
 (54) Method for preparation of optionally 2-substituted 1,6-dihydro-6-oxo-4-pyrimidinecarboxylic acids
 (86) PCT/US2006/016340 (87) WO2006/121648
 (51) IP2009.01:C07D239/28; A61K31/505
 (71) E.I. DU PONT DE NEMOURS AND COMPANY
 (72) Shapiro, Rafael;
 (31) 05 678264 (32) 6 May 2005 (33) US
 (74) HOULIHAN2, Level 1, 70 Doncaster Road, Balwyn North, Victoria 3104, Australia
 (57) Disclosed is a method of preparing a compound of formula (I). Also disclosed are methods comprising additional steps to prepare optionally substituted 4 pyrimidine-carboxylic acids and esters using the compound of formula (I) as an intermediate.



- (21) 561572 (22) 23 Feb 2006
 (54) Toy gun for launching an elongated dart and a method of using pressurized air to launch an elongated dart from a toy gun
 (86) PCT/US2006/006580 (87) WO2006/110226
 (51) IP2009.01:F41B11/00
 (71) BUZZ BEE TOYS, INC.
 (72) Ma, Chor Ming;
 (31) 05 100694 (32) 7 Apr 2005 (33) US

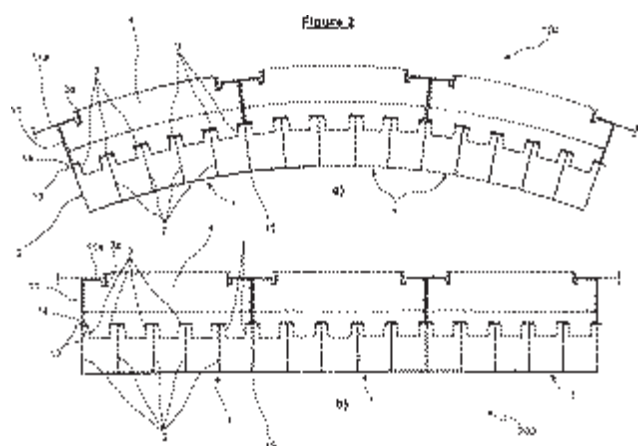
(74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand

(57) A toy gun is disclosed that uses pressurized air to launch an elongated dart. The gun comprises: an air pressure source; a trigger mechanism for selective control of the air pressure source; a barrel; an elongated dart; and an inner post. The barrel is in communication with the air pressure source and has first and second ends, the first end positioned to receive pressurized air from the air pressure source upon activation of the trigger mechanism, and the barrel defines a chamber adapted to receive the elongated dart, which has a rear bore located in the chamber. The barrel has an inner surface with a restriction proximate to the second end; the restriction reduces a barrel cross-section, taken in a direction generally perpendicular to a longitudinal axis of the barrel, to a size corresponding to a size of the elongated dart. The inner post is positioned in the chamber and located at the first end of the barrel to receive pressurized air provided to the barrel for release inside the chamber at a location spaced from the first end of the barrel. The inner post and the inner surface of the barrel define a space there between that receives an end portion of the elongated dart therein. A portion of the inner post is located in the rear bore of the elongated dart so that the pressurized air released through the inner post initially pressurizes the rear bore of the elongated dart and pressurizes the chamber outside of the elongated dart between the first end and the restriction as the dart passes off of the inner post.



- (21) 561597 (22) 7 Jul 2005
 (54) Use of eptifibatid for reducing scar tissue formation
 (51) IP2009.01:A61F2/00; A61K31/4745,192,4738,185
 (71) AFMEDICA, INC.
 (72) Shebuski, Ronald J; Luderer, Jack R; Fischell, Tim A;
 (31) 04 887272 (32) 8 Jul 2004 (33) US
 (74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand
 (57) Disclosed is the use of eptifibatid for the manufacture of a composition for preventing, inhibiting or reducing fibrin sheath or scar tissue formation in a patient.
 (62) *Divided Out of 552250*

- (21) 561622 (22) 18 Sep 2007
 (54) Bendable wall panels for swimming pool construction
 (51) IP2009.01:E04H4/04; E04G11/06; E04C2/20,08,30,38; E04B2/72; E04F13/12,18
 (71) Nicholas Charles Ransom
 (72) Ransom, Nicholas Charles;
 (74) JAMES & WELLS, Level 11, PricewaterhouseCoopers Centre, 119 Armagh Street, Christchurch, New Zealand
 (57) A resilient panel for facing and forming a wall, in particular a wall of a concrete poured swimming pool, includes a first panel sheet with a first face 1 and a multiplicity of spaced apart curvature control elements 2 each having one end attached to and spanning the opposite face and a free end outwardly projected from the opposite face. The panel includes a castellated foam spacer 4, the castellation being placed in mutual interleaving engagement with the respective curvature control elements 2. As the separation between the free ends of the elements is varied in accordance with the spacing between the interleaved castellation, the curvature of the first face 1, either concave or convex, is commensurately varied. Once the panels are set up to form the wall of a pool, concrete can be poured into the volumes between the opposite face and the face of the spacer and the respective curvature control elements.
 Divisional filed as 575863

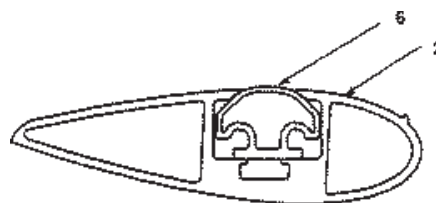


(21) 561648 (22) 14 Apr 2006
 (54) Methods and composition of IGF1R inhibitors for treating or preventing cancer
 (86) PCT/US2006/014163 (87) WO2006/113483
 (51) IP2009.01:A61K31/519,357,38,4745,665,675; A61K39/395; A61P35/00
 (71) Schering Corporation
 (72) Wang, Yaolin; Liu, Ming; Wang, Yan; Pachter, Jonathan A; Bishop, Walter R;
 (31) 05 671654 (32) 15 Apr 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a use of one or more IGF1R inhibitors for manufacture of a medicament for treating or preventing a medical condition, in a mammalian subject, selected from the group consisting of neuroblastoma, rhabdomyosarcoma, and osteosarcoma.

(21) 561699 (22) 30 Mar 2006
 (54) Process for removing color bodies from hydrocarbon-based fuels using activated carbon
 (86) PCT/US2006/012127 (87) WO2006/105456
 (51) IP2009.01:B01J20/20; C01B31/08; C10G25/00; C10G29/04
 (71) BP Corporation North America Inc.
 (72) Joseph, Joseph T; Winward, Michael R; Zhang, Tiejun; Miller, James R;
 (31) 05 093679 (32) 30 Mar 2005 (33) US
 (74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia
 (57)
 Disclosed is a process for removing colour bodies from hydrocarbon-based fuel comprising the steps of:
 a) contacting hydrocarbon-based fuel with a decolorizing carbon having within its pore structure a fuel decolorizing amount of reduced transition metal in the range of from about 0.1% to about 5%; and
 b) adsorbing at least a portion of colour bodies selected from the group consisting of indanes, naphthalenes, phenanthrenes, pyrene, alkylbenzenes, and mixtures thereof within the hydrocarbon-based fuel onto the decolorizing carbon to produce a decolorized hydrocarbon-based fuel.

(21) 561809 (22) 21 Sep 2007 (23) 15 Sep 2008
 (54) Resilient infill
 (51) IP2009.01:B60R9/05; B62D29/00; B60R9/04; B62D27/00
 (71) Hubco Automotive Ltd
 (72) Hubbard, Peter Douglas;
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A resilient infill 6 for positioning in a channel in a crossbar 2 of a vehicle roof rack, the channel comprising a longitudinal opening defined by opposing lips having tapered inner surfaces, wherein the infill 6 comprises a flexible upper portion, and a base comprising a bottom, and a pair of flexible, opposing side walls extending from the bottom and curving upwardly and outwardly to meet with outer edges of the flexible upper portion, - wherein the upper portion has a width greater than the width of the bottom and the upper portion comprises an upper surface, at least a portion of which is shaped to correspond with the tapered inner surfaces of the opposing lips of the crossbar 2 channel, and wherein the infill 6 has a substantially hollow interior.



(21) 561819 (22) 10 Apr 2006
 (54) Dietary fiber composition comprising glucomannan, xanthan gum, and alginate
 (86) PCT/CA2006/000556 (87) WO2006/108283
 (51) IP2009.01:A23L1/308; A61K31/723,736; A61P3/00
 (71) Natural Factors Nutritional Products Ltd
 (72) Gahler, Roland J; Lyon, Michael; Lee, Nicole;
 (31) 05 670944 (32) 12 Apr 2005 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Provided is a granulated dietary fiber composition comprising from about 48% to about 90% (w/w) glucomannan, from about 5% to about 20% (w/w) xanthan gum, and from about 5% to about 30% (w/w) alginate. Further provided is a food product comprising the composition and use of the composition in a method cosmetic method for promoting satiety and/or promoting weight loss, in a mammal, comprising administering to a mammal an amount of a granulated dietary fiber composition effective to promote satiety and/or to promote weight loss.
 Divisional filed as 579777

(21) 561948 (22) 17 Mar 2006
 (54) New aqueous reinforced rubber dispersions and their use for making latex foams
 (86) PCT/EP2006/002444 (87) WO2006/105857
 (51) IP2009.01:C08L9/08; C08J9/30; C08L7/02
 (71) PolymerLatex GmbH
 (72) Hahn, Sabine; Motz, Heike; Scholten, Christoph; Schwenzfeier, Hans-Peter;
 (31) 05 05007283 (32) 4 Apr 2005 (33) EP
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is an aqueous reinforced rubber dispersion comprising 51-90% by weight of base latex polymer particles, and 10-49% by weight of reinforcing latex polymer particles comprising structural units of aromatic vinyl monomers and conjugated diene monomers, the reinforcing latex polymer particles having a single glass transition temperature (T_g) from -25 to 28°C as measured by differential scanning calorimetry (DSC), whereby the weight percentages are based on the total weight of polymer particles in the rubber dispersion and the base latex polymer particles have a T_g as measured by DSC that is lower than the T_g of the reinforcing latex particles.

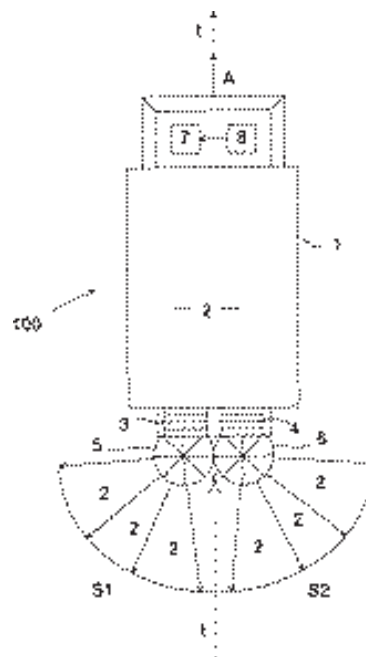
Also disclosed is a method of making a latex foam, by:
 a) compounding the rubber dispersion described above into a foamable and vulcanizable latex compound;
 b) foaming the vulcanizable latex compound;
 c) filling the foam obtained in step b) into a mould of desired shape;
 d) stabilizing the foam structure;
 e) vulcanizing the foam; and
 f) removing the vulcanized latex foam from the mould.

(21) 562118 (22) 2 May 2006
 (54) Methods for increasing the yield of fermentable sugars from plant stover
 (86) PCT/US2006/016887 (87) WO2006/119318
 (51) IP2009.01:C13K1/02; C12P7/08
 (71) PURDUE RESEARCH FOUNDATION
 (72) Vermerris, Willem E; Ladisch, Michael R; Mosier, Nathan S;
 (31) 05 676868 (32) 2 May 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed a method of increasing yield of fermentable sugars in a plant stover, the method comprising:
 producing a plant stover from a plant comprising a homozygous bm1 mutation (showing reduced cinamyl alcohol dehydrogenase activity) and a homozygous bm3 mutation (showing reduced 5-hydroxyconiferaldehyde/5-hydroxyconiferyl alcohol O-methyltransferase activity; and treating the plant stover with a cellulolytic enzyme to produce a fermentable sugar.

(21) 562272 (22) 4 Apr 2006
 (54) Method and apparatus for management of multi-carrier communications in a wireless communication system
 (86) PCT/US2006/012502 (87) WO2006/107965
 (51) IP2009.01:H04B7/06
 (71) Qualcomm Incorporated
 (72) Casaccia, Lorenzo; Malladi, Durga Prasad;
 (31) 05 668437 (32) 4 Apr 2005 (33) US
 (31) 06 394450 (32) 30 Mar 2006 (33) US
 (74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand
 (57) A base station is provided, which includes a transmitter configured to transmit a multi-carrier switch command message to an access terminal instructing the access terminal to switch between a diversity mode where each antenna module of a number of antenna modules receives a single carrier signal transmitted at a single carrier frequency and a multi-carrier mode where a first antenna module of the number of antenna modules receives a first multi-carrier signal transmitted at a first carrier frequency and a second antenna module receives a second multi-carrier signal transmitted at a second carrier frequency. The multi-carrier switch command message is in the format of a modified Packet Downlink Assignment message in accordance with a Global System for Mobile Communication (GSM) Enhanced Data for Global Evolution (EDGE) Radio Access Network (GERAN) standard protocol. The message includes a multi-carrier switch indicator instructing the access terminal to switch to the multi-carrier mode, and a multi-carrier channel indicator assigning channels to the access terminal. The corresponding method and access terminal are also provided.
 Divisional filed as 579428

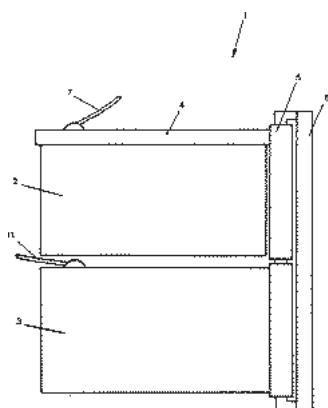
(21) 562273 (22) 4 Oct 2007 (23) 3 Oct 2008
 (54) Spreader with GPS guided spread pattern
 (51) IP2009.01:G08C21/00; G05D1/00; A01C15/18; B65G31/02; B65G47/46
 (71) DAVID STANLEY HOYLE
 (72) Hoyle, David Stanley;
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A spreader apparatus is provided. The spread apparatus includes material storage means for storing a spreadable material, a first spinner means adapted to spread the spreadable material on a first side of the spreader and a second spinner means adapted to spread the spreadable material on a second side of the spreader opposite the first side. A speed of each spinner is variable independently of a speed of the other spinner. The apparatus also includes transport means for transporting the spreadable material from the material storage means to the spinners, which is operable to supply the spreadable material to the first spinner means at a rate which is independent from a rate at which it supplies spreadable material to the second spinner means. The spreader further includes Global Positioning System (GPS) receiver means for sensing the position of the spreader and providing an output signal indicative of a position of the spreader to a control means. The control means calcu-

lates a required pattern and density of material to be spread by the spinner means based on a comparison of the position of the spreader to a preferred position of the spreader, and controls a rate at which the transport means transports the material to the spinners, and the speed of each spinner means, in order to obtain the required pattern and density of spread material.



(21) 562292 (22) 11 Apr 2006
 (54) Variant forms of urate oxidase and use thereof
 (86) PCT/US2006/013660 (87) WO2006/110819
 (51) IP2009.01:C12N9/06; A61K47/48
 (71) SAVIENT PHARMACEUTICALS, INC.
 (72) Hartman, Jacob; Mendelovitz, Simona;
 (31) 05 670573 (32) 11 Apr 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is an isolated truncated mammalian uricase comprising a mammalian uricase amino acid sequence truncated at the amino terminus or the carboxy terminus or both the amino and carboxy termini by 1 - 13 amino acids and further comprising an amino acid substitution at position 46 with respect to the native pig uricase.

(21) 562398 (22) 11 Oct 2007 (23) 9 Oct 2008
 (54) Animal drafting means
 (51) IP2009.01:E06B11/00; A01K1/00; G06K1/00; G06K7/00
 (71) Clever By Design Limited
 (72) Bates, Geoffrey James; Heesen, Harmen Jan; Muir, Stephen Barry; Jenkins, David;
 (74) SCHUCH & COMPANY, Level 5, 22 The Terrace, Wellington, New Zealand
 (57) A split gate for use in drafting animals in a stockyard race. The gate includes an upper gate section that is jointly and/or separately movable with a lower gate section. The upper gate section is configured and arranged to be movable, in use, to pass behind or over the back of an animal travelling through a stockyard. The lower section is configured and arranged to be movable, in use, to assist in providing a barrier to an animal for drafting out of a stockyard race.



(21) 562517 (22) 3 Apr 2006
 (54) Support frame and group of parts, including such frame, for wall-mounting an electrical apparatus
 (86) PCT/IT2006/000216 (87) WO2006/106552
 (51) IP2009.01:H02G3/14; H01R13/447; H02G3/08
 (71) BTICINO S.P.A.
 (72) Fabrizi, Fabrizio; De Ambroggi, Renato; Pianezzola, Enrico; Calderara, Ennio;
 (31) 05 000162 (32) 7 Apr 2005(33) IT
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed is a support frame (2) for wall-mounting at least one electrical apparatus, the frame comprising: a frame body (7) fixable to the wall and developing about a window (9) defining a mounting seat adapted for receiving and holding said at least one electrical apparatus; and fixing means (12) for removably fixing a cover plate (3) to the support frame. The support frame is characterised in that the fixing means includes at least one fixing channel (12) exhibiting an end jointed to an opening (13) obtained in the frame body (7), the fixing channel being such as to be capable of receiving, through the opening, a corresponding fixing tongue (4), provided in the cover plate. The fixing channel includes relief means (14) that can face a surface (31) of the tongue (4) and pushing means (20, 21) adapted for acting on the fixing tongue (4) for engaging pressure-wise the surface of the tongue against the relief means of the channel.

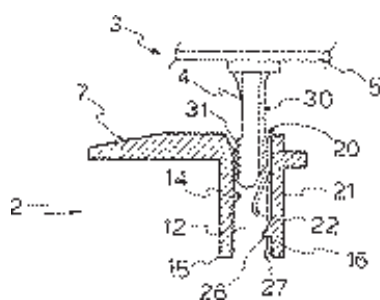


FIG. 5a

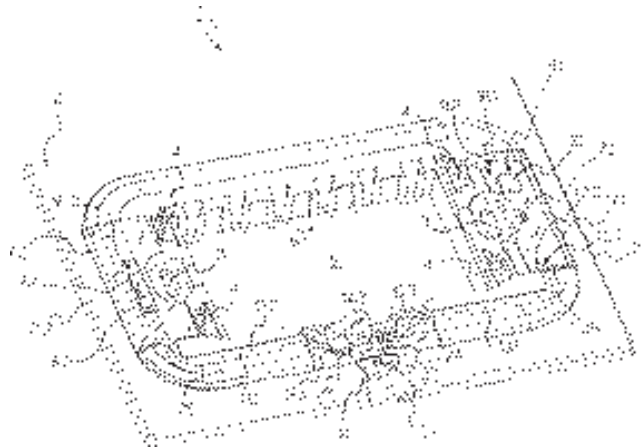
(21) 562518 (22) 3 Apr 2006
 (54) Support frame for electrical apparatuses
 (86) PCT/IT2006/000217 (87) WO2006/106553
 (51) IP2009.01:H01H9/18; H01R13/447,46
 (71) BTICINO S.P.A.
 (72) Fabrizi, Fabrizio;
 (31) 05 000164 (32) 7 Apr 2005(33) IT
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A support frame for wall-mounting at least one electrical apparatus is provided. The frame includes:

- a frame body that can be fixed to a wall and extending around an opening defining a mounting seat suitable for receiving and holding the at least one electrical apparatus;
- a first and a second optical source suitable for generating an optical signal; and
- an electrical circuit connected to the optical sources to provide the optical sources with an electrical power supply signal, including electrical connection means between the first and the second optical source.

The frame body allows the propagation of at least one part of the optical signal towards the outside of the body. The electrical circuit includes a first and a second printed circuit board on which are mounted the first and the second optical source respectively.

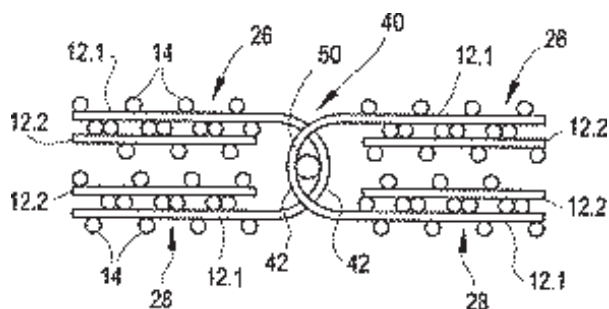
The support frame also includes:

- housing means, provided in the profile of the frame body, for housing the electrical circuit and the optical sources, including a first and a second closed chamber housing the first printed circuit board with the first optical source and the second printed circuit board with the second optical source, respectively; and
- a channel, provided in the profile of the frame body, suitable for receiving inside it the electrical connection means, the channel extending along a side of the opening to place the first closed chamber in communication with the second closed chamber.



(21) 562532 (22) 24 Apr 2006
 (54) Multi-axial seamed papermaking fabric and method
 (86) PCT/US2006/015271 (87) WO2006/121595
 (51) IP2009.01:D03D25/00; D21F7/10,08
 (71) ASTENJOHNSON, INC
 (72) Lee, Henry;
 (31) 05 123442 (32) 6 May 2005 (33) US
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand

(57) A multi-axial seamed base fabric formed from a spirally wound fabric strip (10) having a width less than an overall width of the fabric is joined together along neighbouring adjacent edges (22) of the strip to form a fabric tube (24). The fabric strip includes a plurality of generally linearly extending vertically stacked pairs of machine direction (MD) warp yarns (12) interwoven with cross-machine direction (CMD) weft yarns (14) in a repeat pattern which maintains the vertically stacked alignment of the paired MD warp yarns (12). The fabric tube (24) includes an upper layer (26) and a lower layer (28) formed from the spirally wound fabric strip (10) that are adjacent to one another in the base fabric (20). The ends of the base fabric (20) are formed by CMD folds (30) in the fabric tube, with the MD warp yarns (12) of each of the upper (26) and lower (28) layers being in a generally vertically stacked alignment within both of the layers adjacent to the ends to provide at least some and most all continuously extending ones of the outer warp yarns between the upper and lower layers at the folds. Seaming loops (42) are formed from at least some of the continuously extending ones of the outer MD yarns (12.1) located at the CMD folds (30) in the fabric tube. A method of producing such a fabric is disclosed and claimed.



(21) 562681 (22) 25 Jul 2003
 (54) Pramipexole once-daily dosage form for oral delivery
 (51) IP2009.01:A61K9/20,28; A61K31/428
 (71) PHARMACIA CORPORATION
 (72) Lee, Ernest J; Bredael, Gerard M; Baldwin, John R; Cox, Steven R; Heintz, Mark J;
 (31) 02 398447 (32) 25 Jul 2002 (33) US
 (31) 02 398427 (32) 25 Jul 2002 (33) US
 (31) 03 479514 (32) 18 Jun 2003 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

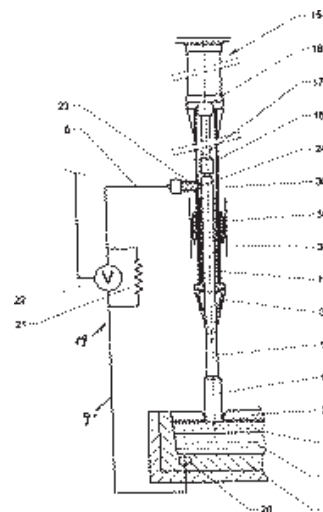
(57) An orally deliverable pharmaceutical composition comprising a therapeutically effective amount of pramipexole or a pharmaceutically acceptable salt thereof, a starch, a hydrophilic polymer, and at least one pharmaceutically acceptable excipient, said composition exhibiting at least one of (a) an in vitro release profile wherein on average no more than about 20% of the pramipexole is dissolved within 2 hours after placement of the composition in a standard dissolution test; and (b) an in vivo pramipexole absorption profile following single dose oral administration to healthy humans wherein the time to reach a mean of 20% absorption is greater than about 2 hours and/or the time to reach a mean of 40% absorption is greater than about 4 hours, wherein said composition comprises a full daily dose contained in a single dosage unit, further wherein said composition, when administered once daily, exhibits a bioavailability substantially equivalent to that of an equal dose of an immediate-release pramipexole dihydrochloride reference formulation administered three times a day.

(62) Divided Out of 537614

(21) 562768 (22) 9 Sep 2005
 (54) Device for controlling the stroke of a plunger of an aluminium production electrolytic cell feeding system
 (86) PCT/FR2005/002244 (87) WO2006/111622
 (51) IP2009.01:C25C3/14
 (71) ALUMINIUM PECHINEY
 (72) Couvreur, Sebastien; Bos, Jerome; Caetano, Silvino; Dreyer, Christian;
 (31) 05 0503877 (32) 19 Apr 2005 (33) FR
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

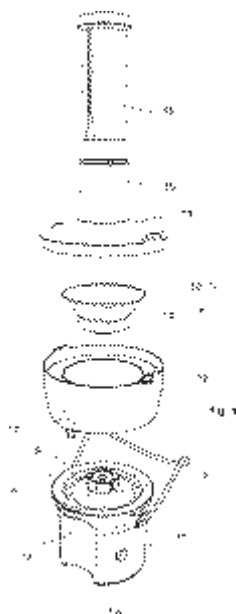
(57) Device for controlling the travel distance of a chisel (13) for a feeding system for an electrolytic cell designed for aluminium production is disclosed. The cell comprises an electrolytic bath (4) covered with a crust (5). The chisel (13) is carried by a rod (14) fixed to the rod of an actuator (15) controlling vertical displacement of the chisel between a high position in which it is above the crust (5) and a low position in which the crust (5) is perforated and in which contact is made with the bath (4). The device (11) comprises means of detecting electrical contact between the chisel (13) and the bath (4). These means comprises an electrical circuit (19) capable of making an electrical measurement between the chisel (13) and a point (20) in the cell used as an electrical reference, and taking immediate action on the actuator to cause vertical upwards displacement of the chisel when a predetermined value of an electrical measurement is reached. The electrical circuit (19) is connected to the chisel (13) or to the rod (14) of the chisel (13) through connecting means capable of creating a point contact (24) at least one point between the

circuit (19) and the chisel (13) or the rod (14) of the chisel (13). These connecting means (23) are acted upon by elastic means (25) pushing them towards the chisel or the rod (14) of the chisel (13), respectively.



(21) 562785 (22) 30 May 2006
 (54) Compact Juicer
 (86) PCT/AU2006/000720 (87) WO2006/128221
 (51) IP2009.01:A47J19/00,02
 (71) Breville Pty Limited
 (72) Hensel, Keith;
 (31) 05 902893 (32) 3 Jun 2005 (33) AU
 (74) Molins & Co., Suite 5, Level 6, 139 Macquarie Street, Sydney, NSW 2000, Australia

(57) A juicer comprising: a motorised base, a collection chamber with a lid, and a frusto-conical filter basket. The base has an upper surface from which protrudes a drive spindle, and the upper surface is adapted to receive the collection chamber. The collection chamber has a central opening for admitting the drive spindle and has two nested portions: an outer pulp collection portion and an inner juice collection portion with a spout. The lid has a feed tube, and the frusto-conical filter basket resides within the collection chamber, below the feed tube. The inner juice collection portion has a wall that separates it from the outer pulp collection portion; wherein the wall narrows in diameter, being smaller in diameter at an upper extremity and larger in diameter at a lower edge. The inner juice collection portion also has a floor, the floor being separately moulded and affixed to an underside of the collection chamber.



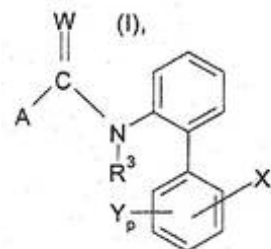
(21) 562804 (22) 2 May 2006
 (54) 4-phenyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline derivatives as medicaments for the treatment of infertility
 (86) PCT/EP2006/061978 (87) WO2006/117371
 (51) IP2009.01:A61K31/47,4709; A61P5/24; C07D215/20; C07D401/12
 (71) N.V. Organon
 (72) Karstens, Willem Frederik Johan; Timmers, Cornelis Marius;
 (31) 05 05103741 (32) 4 May 2005 (33) EP
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) 2-methyl-4-phenyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline derivatives having the general Formula (I) wherein the substituents are defined as in the description, or a pharmaceutically acceptable salt thereof. Also disclosed are pharmaceutical compositions comprising said derivatives, as well as to the use of these 2-methyl-4-phenyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline derivatives in therapy, more specifically for the treatment of fertility disorders.

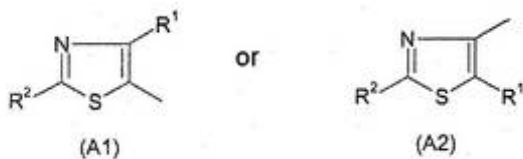
(21) 562849 (22) 28 Apr 2006
 (54) Generation of phosphorus oxychloride as by-product from phosphorus pentachloride and DMF and its use for chlorination reaction by converting into vilsmeier-haack reagent
 (86) PCT/IN2006/000151 (87) WO2007/017891
 (51) IP2009.01:C07H1/00; C07H5/00
 (71) V.B. MEDICARE PRIVATE LIMITED
 (72) Ratnam, Rakesh; Sundeep, Aurora; Mofizuddin, Mohammed;
 (31) 05MU 545 (32) 4 May 2005 (33) IN
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand
 (57) Discloses a process of preparation of Vilsmeier-Haack reagent from Phosphorus Pentachloride comprising the steps of:
 a. reacting N,N-dialkylformamide or N,N-dialkylacetamide, preferably N,N-dialkylformamide, more preferably N,N-dimethylformamide (DMF), with Phosphorus Pentachloride to prepare a first crop of Vilsmeier reagent as insoluble crystals and Phosphorus Oxy-Chloride as by-product,
 b. allowing the said by-product Phosphorus Oxy-Chloride to further react with DMF to form a second crop of Vilsmeier reagent in the same reaction mixture resulting into a combined Vilsmeier reagent, or,
 c. isolating the said by-product Phosphorus Oxy-Chloride from the first reaction mixture by one or more of a process of separation comprising distillation and cooling and this isolated Phosphorus Oxy-Chloride is re-

acted with DMF to prepare second crop of Vilsmeier reagent; which is used for chlorination reaction
 i. either independently and separately, or
 ii. after combining with the said first crop of Vilsmeier reagent, or
 iii. after combining with Vilsmeier reagent formed from reacting DMF with other sources of chlorinating agent.

(21) 562896 (22) 12 May 2006 (23) 1 May 2007
 (54) Method of connecting flexible tubing by resilient deformation of tube ends, with other than flanked rib connection
 (51) IP2009.01:F16L33/28; F16L25/10; F16L37/02; F16L47/06
 (71) FILTERCORP INTERNATIONAL LIMITED
 (72) McPheat, Blair Forbes;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a method of connecting a flexible tube for powder transfer between a discharge tube and an receiving tube. The flexible tube ends are deformed inwardly so as to resiliently spring back to connect with adjacent tube ends. At least one connection is other than a flanked rib type connection. Such a connection is not shown in the drawings.
 Divisional filed as 576219

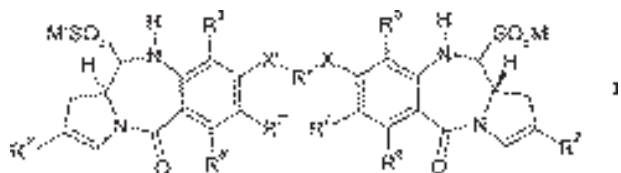
(21) 563008 (22) 16 May 2006
 (54) Thiazole carboxylic acid anilides and their use as fungicides
 (86) PCT/EP2006/062345 (87) WO2006/122933
 (51) IP2009.01:A01N43/78; C07D277/20; A01P3/00
 (71) BASF Aktiengesellschaft
 (72) Dietz, Jochen; Gewehr, Markus; Grote, Thomas; Grammenos, Wassilios; Hunger, Udo; Muller, Bernd; Schieweck, Frank; Schwogler, Anja; Lohmann, Jan Klaas; Rheinheimer, Joachim; Renner, Jens; Schafer, Peter;
 (31) 05 05023606 (32) 18 May 2005 (33) DE
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is a thiazolecarboxanilide of the formula (I) in which the variables are as defined below:
 A is substructure (A1) or (A2)
 X is halogen;
 Y is cyano, nitro, C1-C4-alkyl, C1-C4-haloalkyl, methoxy or methylthio;
 p is 0 or 1;
 R1 is hydrogen, halogen, C1-C4-alkyl or C1-C4-haloalkyl;
 R2 is hydrogen, methyl or halogen;
 R3 is hydrogen, methyl or ethyl;
 W is oxygen or sulfur.
 The disclosure also relates to the use of the aforementioned compound for controlling pathogenic fungi.





(21) 563125 (22) 1 Jun 2006
 (54) Lipid extract of mussels and method for preparation thereof
 (86) PCT/AU2006/000749 (87) WO2006/128244
 (51) IP2009.01:A61K35/60,56; A61P29/00; C12P7/64
 (71) McFarlane Marketing (Aust.) Pty. Ltd.
 (72) Macrides, Theodore; Broadbent, Andrew Christopher;
 (31) 05 902896 (32) 3 Jun 2005 (33) AU
 (74) DAVIES COLLISON CAVE - MELBOURNE, 1 Nicholson Street, Melbourne, Victoria, Australia
 (57) A method for the preparation of a lipid extract of mussels is disclosed, which comprises the steps of (i) digesting mussel tissue with a protease enzyme (enzymatic-digestion) for a time and under conditions suitable to release a lipid fraction from the tissue, and (ii) recovering said lipid fraction.

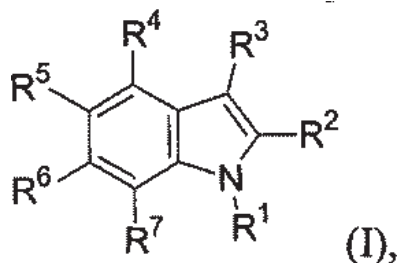
(21) 563136 (22) 21 Apr 2006
 (54) Pyrrolobenzodiazepines
 (86) PCT/GB2006/001456 (87) WO2006/111759
 (51) IP2009.01:C07D519/00; A61K31/5517; A61P35/00
 (71) SPIROGEN LIMITED
 (72) Gregson, Stephen John; Howard, Philip Wilson; Chen, Zhizhi;
 (31) 05 0508084 (32) 21 Apr 2005 (33) GB
 (31) 05 0522746 (32) 7 Nov 2005 (33) GB
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is a compound of the formula I or a solvate thereof, wherein R₂ is an optionally substituted C₅-20 aryl group; R₆ and R₉ are independently selected from optionally substituted C₁-12alkyl, C₃-20 heterocyclyl and C₅-20 aryl groups; R₇ is selected from H, R, OH, OR, SH, SR, NH₂, NHR, NHRR', nitro, Me₃Sn and halo; R'' is a C₃-12 alkylene group, which chain may be interrupted by one or more heteroatoms and/or aromatic rings; X is selected from O, S, or NH; Z is 2 or 3; M is a monovalent pharmaceutically acceptable cation; R₂', R₆', R₇', R₉', X' and M' are selected from the same groups as R₂, R₆, R₇, R₉, X and M respectively, or M and M' may together represent a divalent pharmaceutically acceptable cation.
 Also disclosed is the use of the above compound in the manufacture of a medicament for the treatment of a proliferative disease.



(21) 563191 (22) 13 Apr 2006
 (54) Substituted indole compounds having NOS inhibitory activity
 (86) PCT/IB2006/003873 (87) WO2007/063418
 (51) IP2009.01:A61P25/28; A61K31/404; C07D401/04; C07D405/12,14; C07D409/12,14; C07D453/02; C07D471/04,08
 (71) Neuraxon, Inc.
 (72) Maddaford, Shawn; Ramnauth, Jailall; Rakhit, Suman; Patman, Joanne; Renton, Paul; Annedi, Subhash C;
 (31) 05 670856 (32) 13 Apr 2005 (33) US

(74) SPRUSON & FERGUSON, St Martins Tower, Level 35, 31 Market Street, Sydney, New South Wales 2000, Australia

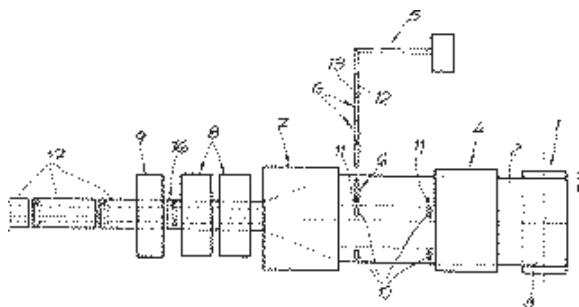
(57) Disclosed is a compound of formula (I), or a pharmaceutically acceptable salt thereof, wherein R₁ is H, optionally substituted C₁-6 alkyl, optionally substituted C₁-4 alkaryl, optionally substituted C₁-4 alkheterocyclyl, or optionally substituted C₁-4heterocyclyl, each of R₄ and R₇ is H, F, C₁-6 alkyl, or C₁-6 alkoxy, R₅ is H, R₅AC(NH)NH(CH₂)_{r5} or R₅BNHC(S)NH(CH₂)_{r5}, r₅ is an integer from 0 to 2, R₆ is H, R₆AC(NH)(CH₂)_{r6} or R₆BNHC(S)NH(CH₂)_{r6}, r₆ is an integer from 0 to 2, and wherein the rest of the substituents are as defined in the specification. Also disclosed is the use of the compound to treat conditions caused by the action of nitric oxide synthase such as migraine headache (with or without aura), chronic tension type headache (CTTH), migraine with allodynia, neuropathic pain, post-stroke pain, chronic headache, chronic pain, acute spinal cord injury, diabetic neuropathy, trigeminal neuralgia, diabetic nephropathy, an inflammatory disease, stroke, reperfusion injury, head trauma, cardiogenic shock, CABG associated neurological damage, HCA, AIDS associated dementia, neurotoxicity, Parkinson's disease, Alzheimer's disease, ALS, Huntington's disease, multiple sclerosis, metamphetamine-induced neurotoxicity, drug addiction, morphine/opioid induced tolerance, dependence, hyperalgesia, or withdrawal, ethanol tolerance, dependence, or withdrawal, epilepsy, anxiety, depression, attention deficit hyperactivity disorder, or psychosis.



(21) 563312 (22) 28 Apr 2006
 (54) A system for the delivery of mobile content
 (86) PCT/AU2006/000559 (87) WO2006/113975
 (51) IP2009.01:H04W8/20,18
 (71) HWW Limited
 (72) Wilson, Jennifer;
 (31) 05 902162 (32) 28 Apr 2005 (33) AU
 (74) F B RICE & CO, Level 23, 200 Queen Street, Melbourne, Victoria 3000, Australia
 (57) A system for the delivery of content to a user having access to a mobile handset is provided. The system includes:
 a computer operable to receive user data from a prospective user, the user data including a type of content and a mobile number to which the content is to be delivered and a sequence in which content is to be delivered; and
 a server in communication with the computer and operable to retrieve a selected content item related to the content type, and to deliver the content item to the user at the mobile number in accordance with the specified sequence;
 where the content item selected for delivery is content which has not previously been viewed, unless otherwise specified by the user.

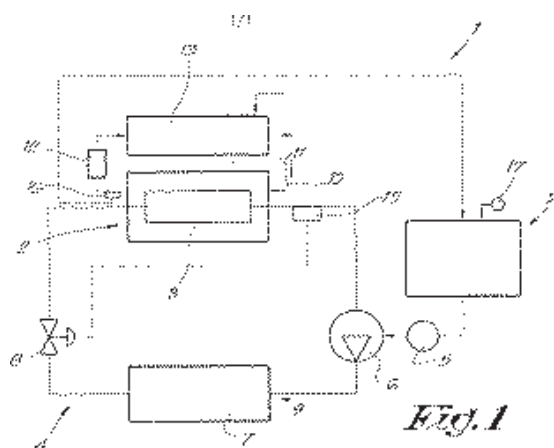
(21) 563371 (22) 17 May 2006
 (54) Method and device for the production of film bags
 (86) PCT/EP2006/004633 (87) WO2006/122760
 (51) IP2009.01:B31B19/36,90
 (71) NORDENIA DEUTSCHLAND HALLE GMBH
 (72) Brauer, Jochen; Kujat, Marcus; Stoppelmann, Detlef; Maseiker, Darius;
 (31) 05 05022742 (32) 18 May 2005 (33) DE
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Method for the production of film bags 17 that have side folds placed in the shape of a V, and a re-closure having a slide, in a head-side filling opening, having the following method steps a) window-shaped punch-

outs 10 that delimit the upper end of the side folds formed later, as well as slide punch-outs 11, are made in a planar film web, b) re-closures 6 consisting of two profile strips that lie on top of one another and are connected with one another, as well as a slide that engages over closure edges of the profile strips in the manner of a rider, are laid onto the planar film web 2, crosswise to the web direction, in such a manner that the slides lie in the slide punch-outs 11, and are connected with the film web 2 at their ends, c) subsequently, the film web 2 is guided through a folding station 7, in which the film web 2 is folded, and front surfaces as well as side folds are formed, d) the re-closures 6 are connected with one front surface by means of a sealing seam, with the inclusion of the upper end of the side folds, e) the film plies that lie on top of one another are connected, with additional sealing seams, to form a continuous bag roll 16 consisting of bag-shaped sections, f) film bags 17 are separated from the continuous bag roll 16.

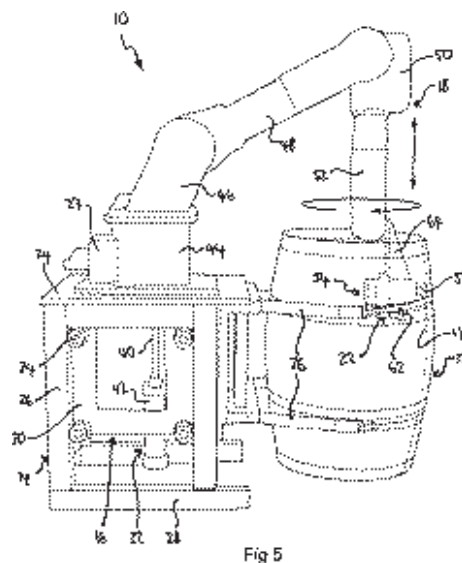


(21) 563490 (22) 12 Jun 2006
 (54) Method for the production of polyoxymethylene dialkyl ethers from trioxane and dialkylethers
 (86) PCT/EP2006/063074 (87) WO2006/134081
 (51) IP2009.01:C07C41/50; C07C43/30
 (71) BASF Aktiengesellschaft
 (72) Strofer, Eckhard; Schelling, Heiner; Hasse, Hans; Blagov, Sergej;
 (31) 05 05027690 (32) 15 Jun 2005 (33) DE
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A process for preparing polyoxymethylene dialkyl ethers of formula: $H_2m+1CmO(CH_2O)nCmH_2m+1$ where n is 2 to 10, m independently is 1 or 2 is disclosed, in which a dialkyl ether selected from dimethyl ether, methyl ethyl ether or diethyl ether and trioxane are fed into a reactor and reacted in the presence of an acid catalyst, whereby the amount of water introduced into the reaction mixture with the dialkyl ether, trioxane and/or the catalyst is less than 1 % by weight based on the reaction mixture.

(21) 563540 (22) 28 Apr 2006
 (54) Improved method for cool drying
 (86) PCT/BE2006/000041 (87) WO2006/133522
 (51) IP2009.01:B01D53/26
 (71) ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP
 (72) Dalla Valle, Monica; Van Dijck, Wouter Denis Ann;
 (31) 05 0310 (32) 17 Jun 2005 (33) BE
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A method for cool drying gas, in particular air, is disclosed. This gas is guided through the secondary part of a heat exchanger (2) whose primary part is the vaporizer (3) of a cooling circuit (4). The cooling circuit consists of measuring the ambient temperature (T_{amb}), as well as the lowest gas temperature (LAT) or the dew point, and to switch the cooling circuit (4) on and off on the basis of these measurements in order to always maintain the lowest gas temperature (LAT) or the dew point between a pre-determined minimum and maximum threshold value. The pre-determined threshold values are calculated on the basis of an algorithm which is a function of the measured ambient temperature (T_{amb}).

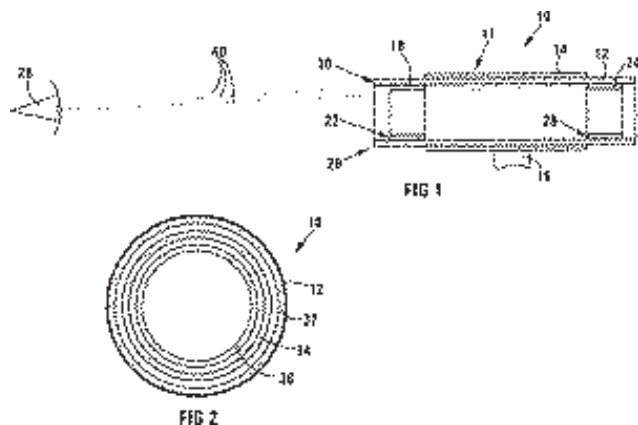


(21) 563545 (22) 21 Nov 2007
 (54) An apparatus and method for shaving the inside of barrels
 (51) IP2009.01:B27H5/08; B27C5/00; B27H5/00; B27C9/02; G05B19/402
 (71) Southern Cross Cooperage Pty Ltd
 (72) Waterman, Breck;
 (74) LESICAR PERRIN, 49 Wright Street, Adelaide, South Australia 5000, Australia
 (57) The present disclosure relates to an apparatus and method for shaving the inside of barrels. In particular, the present invention relates to reconditioning used wine barrels by shaving the inside surface to a pre-determined depth, ready for re-crozing, toasting, and re-use. Conventional shaving methods typically involve routing the internal surface by hand, but this technique is problematic in that it is a very slow process, the quality of the wood is often adversely affected, and there is no way of ensuring that the surface will be shaved to the same depth across the entire surface. Therefore, the resultant internal dimensions of the barrel are not reflective, relatively, of the original barrel surface. The apparatus of the present disclosure includes a scanning means adapted to scan the internal dimensions of the barrel, and a cutting means adapted to shave the internal surface to a predetermined depth relative to the scanned internal dimensions.



(21) 563560 (22) 26 May 2006
 (54) Vitamin formulation for treating a dermatological skin disorder
 (86) PCT/IB2006/001392 (87) WO2006/129161
 (51) IP2009.01:A61P17/06; A61K31/202,203; A61K9/12,107
 (71) Stiefel Research Australia Pty Ltd
 (72) Abram, Alby; Buchta, Richard; Houlden, Robert James; Ye, Rose;
 (31) 05 686752 (32) 1 Jun 2005 (33) US
 (74) Stiefel Research Australia Pty Ltd, Attention: James Flinn, 8 Macro Court, Rowville, VIC 3178, Australia
 (57) A topical oil-in-water emulsion having a water phase and an oil phase is disclosed, wherein said emulsion comprises: a vitamin or an analogue thereof, wherein the analogue is selected from the group consisting of calcidiol, calcitriol, calcipotriene, paricalcitol, 22-oxacalcitriol, dihydrotachysterol, calciferol, acitretin, retinol, retinaldehyde, retinoic acid, dehydroretinol, fenretinide, hydroxyretroretinol, didehydroretinoic acid, carotenes, tazarotene, tretinoin and combinations thereof, and wherein the vitamin or analogue thereof is solubilized in said water phase and a stabilizer is solubilized in said oil phase; an emulsifier; an occlusive agent; and an organic co-solvent. Said topical oil-in-water emulsion is suitable for the treatment of a dermatological disorder.

(21) 563579 (22) 18 Apr 2006
 (54) A twin circle illuminated sight for a rifle
 (86) PCT/IB2006/000893 (87) WO2006/111813
 (51) IP2009.01:F41G1/42
 (71) MICHAEL HENRY SCHULST
 (72) Schulst, Michael Henry;
 (31) 05 03291 (32) 22 Apr 2005 (33) ZA
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A rear sight for a hand held weapon includes a tubular member 12 of a translucent material, which, when mounted on a weapon, defines at least two circle-like images 32, 34 at different locations along the length thereof that are visible when aiming the weapon on which the sight is mounted at a target by viewing through the tubular member. When aiming the weapon, a user will look through the tubular member towards the target and for proper alignment with respect to the target, will manoeuvre the weapon until the circle-like images are concentrically disposed. This constitutes a simple operation that can be quickly performed, particularly also in low light conditions. The circle images may be formed by the edges 22, 26 of light gathering rings 18, 24 mounted on the inside of and receiving light via the translucent tube.



(21) 563727 (22) 9 May 2006
 (54) Cyclonic separating apparatus
 (86) PCT/GB2006/001673 (87) WO2006/125945
 (51) IP2009.01:A47L9/16; B04C5/24
 (71) Dyson Technology Limited
 (72) Courtney, Stephen Benjamin; Dyson, James; Gomiciaga-Pereda, Ricardo;

(31) 05 0510863 (32) 27 May 2005 (33) GB
 (74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia
 (57) A cyclonic separating apparatus is disclosed. The apparatus comprises of a first cyclonic separating unit (310, 410; 510) including at least one first cyclone (102; 202; 312; 412; 512), a second cyclonic separating unit (320; 420; 520) located downstream of the first cyclonic separating unit and including a plurality of second cyclones (130; 230; 322; 422; 522) arranged in parallel, and a third cyclonic separating unit (330; 430; 530) located downstream of the second cyclonic separating unit and including a plurality of third cyclones (148; 248; 332; 432; 532) arranged in parallel. The number of second cyclones is higher than the number of first cyclones and the number of third cyclones is higher than the number of second cyclones.

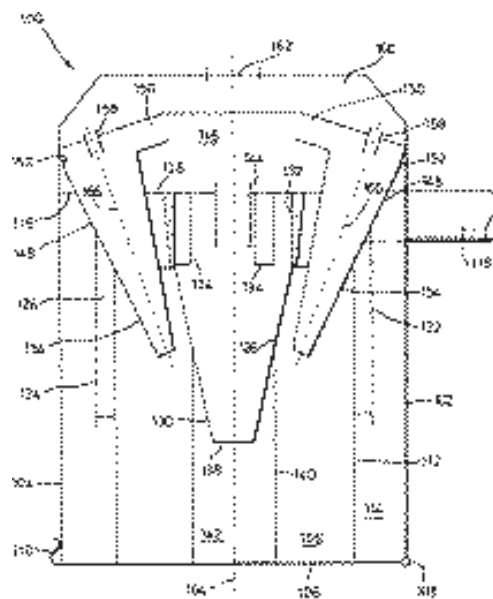
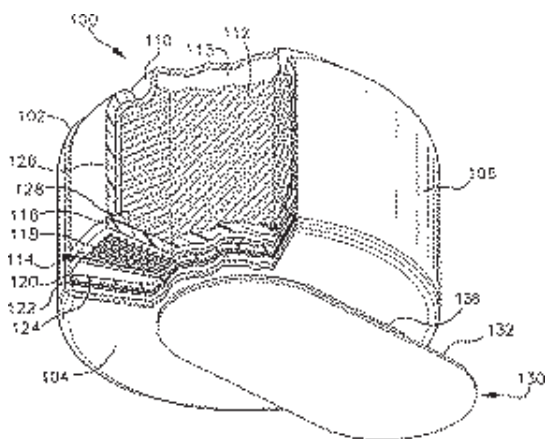


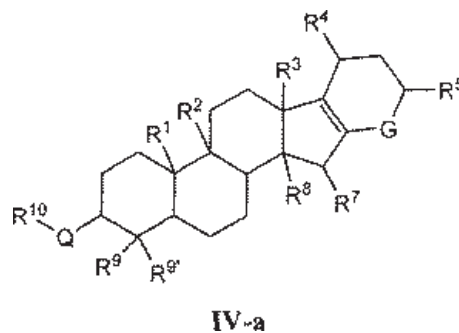
Fig. 3

(21) 563800 (22) 28 Nov 2007
 (54) Air cell with modified sealing tab
 (86) PCT/US2006/023837 (87) WO2007/001997
 (51) IP2009.01:H01M2/02; H01M12/06
 (71) Eveready Battery Company, Inc.
 (72) Bartling, Brandon A; Foley, Timothy D; Pitts, Sonya C;
 (31) 05 166532 (32) 24 Jun 2005 (33) US
 (74) JAMES & WELLS, Level 9, James and Wells Tower, 56 Cawley Street, Ellerslie, Auckland, New Zealand
 (57) An air depolarized battery with an improved sealing member for sealing the air inlet port(s) of the battery before use is disclosed. The sealing member has areas of relatively high and low permeability, with an area of low permeability over at least a portion of an air inlet port. The rate of flow of air through the low permeability area and into the battery can be easily modified to maintain a desired battery open circuit voltage during battery storage to allow activation of the battery within a short time after removal of the sealing member, while minimizing losses in discharge capacity before use.

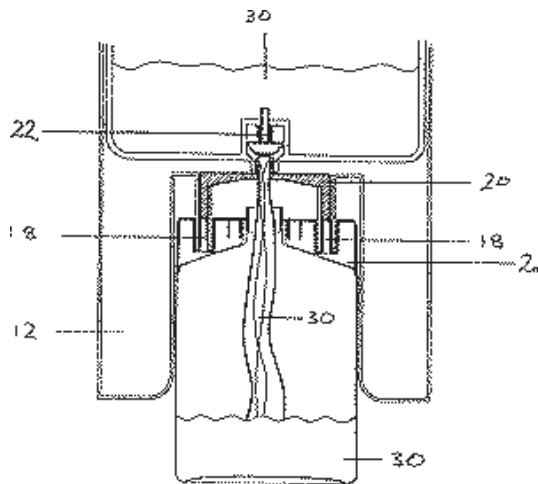


(21) 563818 (22) 28 Apr 2006
 (54) Method for preparing an extract of ginkgo biloba having a low content of 4'-O-methyl pyridoxine and/or biflavones
 (86) PCT/EP2006/004029 (87) WO2006/117169
 (51) IP2009.01:A61K36/00,16
 (71) Dr. Willmar Schwabe GmbH & Co. KG
 (72) Erdelmeier, Clemens; Hauer, Hermann; Koch, Egon; Lang, Friedrich;
 (31) 05 05020685 (32) 3 May 2005 (33) DE
 (31) 05 05061948 (32) 23 Dec 2005 (33) DE
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) The disclosure relates to an improved multi-step method for preparing an extract from ginkgo biloba having a reduced content of 4'-O-methyl pyridoxine and/or biflavones, wherein the depletion is carried out by filtration over an adsorber resin and/or an ion exchanger and the substances to be removed are retained on the resin. The disclosure further relates to an extract from ginkgo biloba having a reduced content of 4'-O-methyl pyridoxine and/or biflavones, which is obtained by the disclosed method, as well as to its use. Particularly disclosed is the extract from leaves of ginkgo biloba, characterized by having the following contents: less than 10 ppm 4'-O-methyl pyridoxine and/or less than 20 ppm biflavones selected from the group comprising amentoflavone, bilobetin, ginkgetin, isoginkgetin and sciadopitysin.

(21) 563888 (22) 16 May 2006
 (54) Compounds isolated from black cohosh root that are useful for treating neurodegenerative disorders by inhibiting amyloid-beta peptide production
 (86) PCT/US2006/019014 (87) WO2006/124956
 (51) IP2009.01:C07J53/00; A61K31/56,58; C07J71/00
 (71) SATORI PHARMACEUTICALS, INC.
 (72) Findeis, Mark A; Pal, Kollol; Schroeder, Frank;
 (31) 05 681662 (32) 17 May 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed are compounds of formula (IV-a) provided in greater than 80% chemical purity, or a pharmaceutically acceptable salt thereof, wherein the substituents are defined in the specification. These compounds are useful for treating neurodegenerative disorders by inhibiting amyloid-beta peptide production and may be isolated from black cohosh root or prepared by known synthetic and/or semi-synthetic methods for analogous compounds as described in the specification. These compounds are suitable for treating or lessening the severity of neurodegenerative disorders such as Alzheimer's disease.

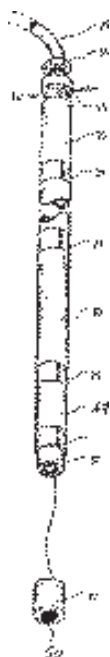


(21) 563968 (22) 28 Jun 2006
 (54) Drink dispensing system
 (86) PCT/AU2006/000911 (87) WO2007/000028
 (51) IP2009.01:B67D3/02; B67C3/26; B67D5/02,06
 (71) Fluid Fashions Pty. Ltd.
 (72) Collins, Tess;
 (31) 05 903410 (32) 28 Jun 2005 (33) AU
 (74) Hodgkinson McInnes Patents, Level 21, 201 Elizabeth Street, Sydney, New South Wales 2000, Australia
 (57) A refillable drink 30 container system comprising a) a drink 30 dispensing unit with a filling tap 22 located within a cavity 12, and b) a refillable drink 30 container having an opening for the passage of liquid there through, at least a portion of the container being adapted to enter the cavity 12 and engage with the dispensing unit such that the opening in the container is positioned near the filling tap 22 to allow liquid to be dispensed from the filling tap 22 into the drink 30 container, wherein the engagement between the dispensing unit and the container prevents contact between the opening of the container and the filling tap.

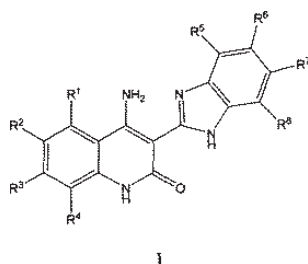


(21) 564056 (22) 16 Jun 2006
 (54) Liquid level monitoring apparatus and methods
 (86) PCT/AU2006/000844 (87) WO2006/133511
 (51) IP2009.01:G01F23/00,14,24
 (71) Multirode Pty Ltd
 (72) Parkinson, Craig Stephen;
 (31) 05 903144 (32) 16 Jun 2005 (33) AU
 (74) CULLEN & CO, Level 32, 239 George Street, Brisbane, QLD 4001, Australia
 (57) Disclosed is a liquid level sensor for locating in a liquid. The liquid sensor includes a level sensor with an elongate body and one or more sensing stations located between a head and a tail of the body. Each

sensing station includes one or more electrodes for conductively contacting the liquid. The liquid sensor further includes a depth sensor for sensing the depth of the tail in the liquid. The liquid sensor is particularly suited to pumping station applications.



(21) 564144 (22) 10 May 2006
 (54) Methods for treating drug resistant cancer
 (86) PCT/US2006/017922 (87) WO2006/124413
 (51) IP2009.01:C07D215/42; C07D235/18; C07D215/227; A61K31/4184,4704,4706,4709; A61P35/00
 (71) Novartis AG
 (72) Michelson, Glenn C; Chan, Vivien W; Heise, Carla C; Wiesmann, Marion; Dawes, Timothy D;
 (31) 05 680722 (32) 13 May 2005 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is the use of a 4-amino-3-[1H-benzimidazol-2-yl]-1H-quinolin-2-one derivative of formula I (such as 4-amino-5-fluoro-3-[6-(4-methylpiperazin-1-yl)-1H-benzimidazol-2-yl]-1H-quinolin-2-one); wherein the substituents are defined herein, for the manufacture of a medicament for treating drug-resistant cancer. Also disclosed is the above use, wherein the medicament is adapted for coadministration with an anti-cancer drug selected from imatinib mesylate (Gleevec), BAY43-9006, Brostallicin, lenalidomide (Revimid), thalidomide (Thalomid), docetaxel (Taxotere), erlotinib (Tarceva), vatalinib (PTK-787), VEGF-trap, fenretidine, bortezomib, a general monoclonal antibody, bevacizumab (Avastin), pertuzumab and/or rituximab.



(21) 564178 (22) 12 Jun 2006
 (54) Method for producing polyoxymethylene dimethyl ethers from methanol and formaldehyde
 (86) PCT/EP2006/063095 (87) WO2006/134088
 (51) IP2009.01:C08G2/08; C07C41/56
 (71) BASF Aktiengesellschaft
 (72) Stroefler, Eckhard; Hasse, Hans; Blagov, Sergej;
 (31) 05 05027701 (32) 15 Jun 2005 (33) DE
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A process for preparing tri- and tetraoxymethylene glycol dimethyl ether (POMDMEn=3,4) by reacting formaldehyde with methanol and subsequently working up the reaction mixture by distillation is disclosed, wherein the process comprises the steps of:
 a) feeding aqueous formaldehyde solution and methanol into a reactor and reacting to give a mixture a comprising formaldehyde, water, methylene glycol (MG), polyoxymethylene glycols (MGn>1), methanol, hemiformals (HF), methylal (POMDMEn=1) and polyoxymethylene glycol dimethyl ethers (POMDMEn>1);
 b) feeding the reaction mixture a into a reactive evaporator and separating into a low boiler fraction b1 comprising formaldehyde, water, methanol, methylene glycol, polyoxymethylene glycols, hemiformals, methylal and polyoxymethylene glycol dimethyl ethers (POMDMEn>1), and a high boiler fraction b2 comprising polyoxymethylene glycols, hemiformals (HFn>1) and polyoxymethylene glycol dimethyl ethers (POMDMEn>3), and recycling the high boiler fraction b2 into the reactor (step a));
 c) feeding the low boiler fraction b1 into a first distillation column and separating into a low boiler fraction c1 comprising formaldehyde, water, methylene glycol, methanol, hemiformals, methylal, di-, tri- and tetraoxymethylene glycol dimethyl ether (POMDMEn=2,3,4), and a high boiler fraction c2 comprising polyoxymethylene glycols, high-boiling hemiformals (HFn>1) and high-boiling polyoxymethylene glycol dimethyl ethers (POMDMEn>4), and recycling the high boiler fraction c2 into the reactive evaporator (step b));
 d) feeding the low boiler fraction c1 into a second distillation column and separating into a low boiler fraction d1 comprising formaldehyde, water, methanol, polyoxymethylene glycols, hemiformals, methylal and dioxymethylene glycol dimethyl ether methylene glycol, polyoxymethylene glycols, tri- and tetraoxymethylene glycol dimethyl ether (POMDMEn=3,4);
 e) feeding the high boiler fraction d2 into a phase separation apparatus and separating into an aqueous phase e1 substantially consisting of formaldehyde, water, methylene glycol and polyoxymethylene glycols, and an organic phase e2 comprising tri- and tetraoxymethylene glycol dimethyl ether (POMDMEn=3,4);
 f) feeding the organic phase e2 into a third distillation column and separating into a low boiler fraction f1 substantially consisting of formaldehyde, water, methylene glycol and polyoxymethylene glycols, and a high boiler fraction f2 substantially consisting of tri- and tetraoxymethylene glycol dimethyl ether (POMDMEn=3,4); and
 g) optionally feeding the aqueous phase e1 into a fourth distillation column and separating into a low boiler fraction g1 substantially consisting of formaldehyde, water, methylene glycol and polyoxymethylene glycols, and a high boiler fraction substantially consisting of water.

(21) 564186 (22) 14 Jul 2005
 (54) Absorbent article such as diaper with ultrasonic weld seam reinforced for high transverse strength
 (86) PCT/SE2005/001160 (87) WO2007/008128
 (51) IP2009.01:A61F13/15; B32B27/12
 (71) SCA HYGIENE PRODUCTS AB
 (72) Edwall, Kerstin; Wennerback, Margareta; Lakso, Elisabeth;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) The present disclosure provides an absorbent article such as a diaper, pant diaper, a sanitary pant or incontinence garment. The article comprises at least one first elastic web material which is ultrasonically welded to at least one second web material along at least one weld seam. The second web material is different to the first elastic web material and said second web material has a degree of elasticity which is different to the elasticity of the first elastic web material. According to the invention, the ultrasonic weld seam between the first elastic web material and the second web material is reinforced to have a weld strength in a direction transverse to the weld seam which is at least 5N/25.4mm. The disclosure particularly relates to pant-type absorbent articles.

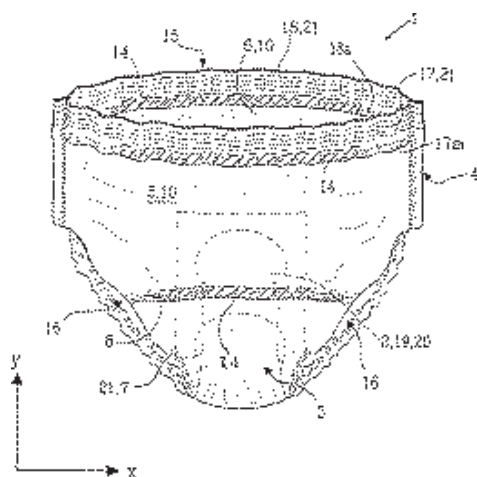


Fig. 1

(21) 564203 (22) 19 Jul 2005
 (54) On-demand reverse link pilot transmission
 (86) PCT/US2005/025802 (87) WO2006/124042
 (51) IP2009.01:H04L25/02; H04B7/26; H04L1/20; H04W72/12
 (71) Qualcomm Incorporated
 (72) Sutivong, Arak; Agrawal, Avneesh; Gorokhov, Alexei; Teague, Edward Harrison;
 (31) 05 129636 (32) 13 May 2005 (33) US
 (74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand

(57) An apparatus in a communication system includes means for selecting at least one terminal for pilot transmission on a reverse link. The terminals are candidates for data transmission on a forward link. The apparatus also includes means for processing pilot transmission from each of the terminals; means for deriving a channel estimate for each of the terminals based on the pilot transmission from the terminal; and means for transmitting data on the forward link to each terminal scheduled for data transmission using the channel estimate for the terminal. A terminal for use with the above described apparatus includes a controller operative to receive a request for pilot transmission on a reverse link and to determine a time-frequency allocation for the pilot transmission; and a processor operative to generate a pilot for transmission on the reverse link on the time-frequency allocation. The pilot transmission on the reverse link is used for scheduling the terminal for data transmission on a forward link, for spatial processing of data transmission to the terminal, or for both scheduling and spatial processing.

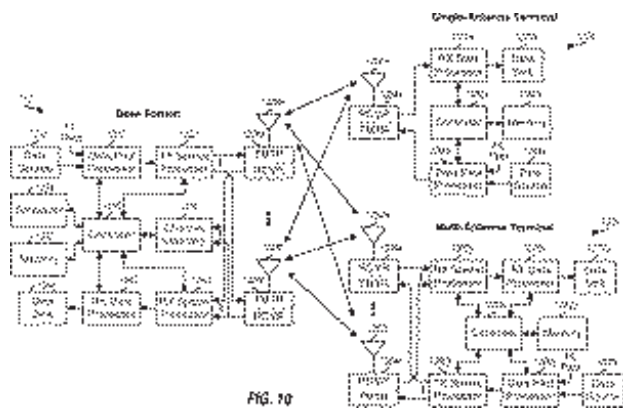


FIG. 10

(21) 564244 (22) 5 Jun 2006
 (54) Venting container
 (86) PCT/US2006/021809 (87) WO2007/001748
 (51) IP2009.01:B65D41/18; B65D43/10; B65D51/16
 (71) The Glad Products Company
 (72) Maxwell, Jason R;
 (31) 05 692496 (32) 21 Jun 2005 (33) US
 (74) Pizzey's Patent and Trade Mark Attorneys, Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 4000, Australia
 (57) A venting container including a lid and base having an inner cavity and a side wall that terminates in a rim, the lid including a central panel and a peripheral sealing lip that surrounds the panel, the peripheral sealing lip having a generally inverted U-shaped cross section that defines a lid channel into which the container rim fits, the sealing lip including at least one venting feature in the form of a flexible venting button that is adapted to transition from a first position to a second position upon application of an actuation force, the venting button being further adapted and positioned whereby when the container rim is positioned in the lid channel and the venting button is in the first position, sealed engagement of the lid to the container is effectuated and when the venting button is in the second position a venting air passage is provided from the container cavity to the container surroundings. In a second embodiment, the venting feature is in the form of a downwardly protruding venting boss provided to the lid closure and a boss seat formed in the base closure whereby the venting boss is received with the boss seat when the lid is oriented in a first non venting attachment position and the venting boss abuts against a surface of the base closure to provide a vent passage between the lid and base upon removal and repositioning of the lid to a second venting attachment position.

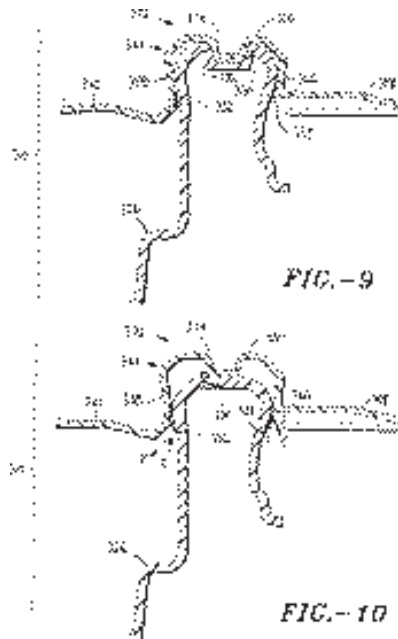


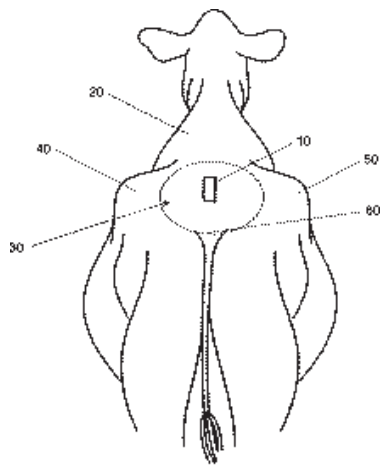
FIG. - 9

FIG. - 10

(21) 564384 (22) 24 Jun 2002 (23) 24 Jun 2003
 (54) Automated oestrus detection in animals
 (51) IP2009.01:A61D17/00; A61B10/00; A01K29/00; A01K21/00
 (71) MASSEY UNIVERSITY
 (72) Butler, Kylie Janet; Williamson, Norman Bruce;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) An oestrus indicator patch comprises a reflective layer and a non-reflective coating adhered to and partially covering the reflective layer. The non-reflective coating is arranged to be at least partly removed from the indicator patch during mounting activity. The oestrus indicator patch also has one or more reference areas having consistent size(s) and

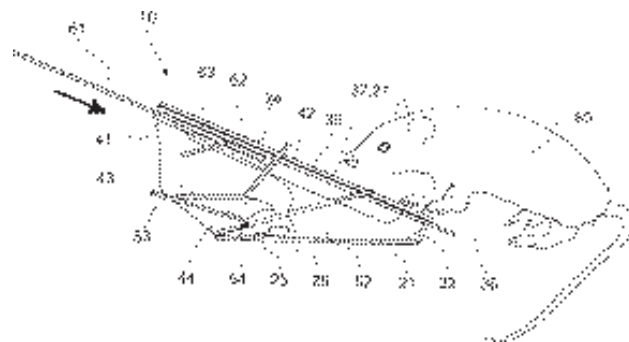
shape(s). The reference area(s) are formed where the reflective layer is not covered by the non-reflective coating.

(62) Divided Out of 547988



(31) 05 903736 (32) 14 Jul 2005 (33) AU
(74) FISHER ADAMS KELLY, Level 29, Comalco Place, 12 Creek Street, Brisbane, Queensland 4000, Australia

(57) A rodent trap comprising a body having a viewing aperture; a depressible trip located below the viewing aperture; a retainer operatively connected to the trip; a striker including a carriage; a pair of rails in which the carriage is able to slide, the rails located adjacent the viewing aperture; a biasing member connected to the striker to move the carriage; wherein the carriage is held in a set position by the retainer, the retainer releasing the carriage from the set position when the trip is depressed to allow the biasing member to move the carriage along the rails and across the viewing aperture.

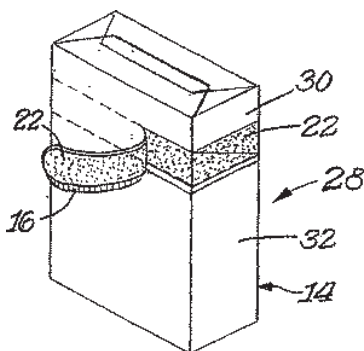


(21) 564596 (22) 27 Jul 2006

(54) Aromatic fibrous strip for consumer pack
(86) PCT/IB2006/003517 (87) WO2007/034332
(51) IP2009.01:B65D85/10; B65D75/58
(71) PHILIP MORRIS PRODUCTS S.A.

(72) Pham, Xuan;
(31) 05 702754 (32) 27 Jul 2005 (33) US
(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Packaging for a consumer pack, in particular a cigarette pack, that releases aroma when the package is opened is disclosed. The consumer pack (28) has a flexible outer wrap (14) around the pack (28) with a tear tape for separating the outer wrap (14) into upper (30) and lower (32) portions when the pack (28) is opened. A multi-layer aromatic strip is positioned on an outer surface of the outer wrap (14) just outside the tear tape (16). The aromatic strip includes a fibrous substrate soaked with fragrance and an outer barrier surface that seals in the fragrance. When the tear tape (16) separates the outer wrap (14), the outer barrier surface and the fibrous substrate (22) are broken open to release fragrance to the surroundings.



(21) 564643 (22) 14 Jul 2006

(54) Cardboard rodent trap with sliding striker
(86) PCT/AU2006/000993 (87) WO2007/006103
(51) IP2009.01:A01M23/30,20
(71) Richard Anthony Bell
(72) Bell, Richard Anthony;

(21) 564694 (22) 21 Apr 2004

(54) Peptide vectors
(51) IP2009.01:A61K38/04; C07K14/665; C07K7/64; C07K14/00; A61K38/03; C07K19/00; C07K7/23; A61K38/31,12,22,05,02; C07K7/00; C07K2/00; A61K38/08,16,06,07,24; C07K7/50; A61K38/01
(71) SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A.S.

(72) Dong, Zheng Xin; Shen, Yeelana; Comstock, Jeanne Mary; Kim, Sun H;

(31) 03 464528 (32) 22 Apr 2003 (33) US
(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed is a protein-camptothecin conjugate according to the formula X-B1-B2-B3-B4-Z wherein:

X is selected from camptothecin or a camptothecin derivative;
Each of B1, B2, B3 and B4 is independently for each occurrence (Doc)m, (Aepa)n, -(C(O)-A1-A2-A3-A4-A5-C(O))s- or (amino acid)p;
wherein the amino acid is selected from the group consisting of Gly, Val, Abu, Gaba, Doc, and Sar;
each of A1 and A5 is, for each occurrence, CH2;
each of A2, A3, and A4 is, independently for each occurrence, CH2 or (CH2)t or absent;

integers m, n, p, s and t are as described in the specification; and Z is a peptide selected from the list of
-Lys-DTyr-DTyr-cyclo(Cys-Tyr-DTrp-Lys-Abu-Cys)-Thr-NH2 ;
-DPhe-cyclo(Cys-Tyr-DTrp-Lys-Abu-Cys)-Thr-NH2 ;
-DPhe-cyclo(Cys-3ITyr-DTrp-Lys-Val-Cys)-Thr-NH2 ;
-Gln-Trp-Ala-Val-betaAla-His-Leu-Leu-NH2 ;
-DPhe-Gln-Trp-Ala-Val-betaAla-His-Leu-Leu-NH2 ;
-Gln-Trp-Ala-Val-betaAla-His-Leu-Nle-NH2 ;
-DCys-3Pal-DTrp-Lys-DCys-Thr-Tyr-NH2; and
-pGlu-His-Trp-Ser-Tyr-DLys[Nepsilon-]-Leu-Arg-Pro-Gly-NH2;

or a pharmaceutically acceptable salt thereof. In particular the conjugated protein may be a somatostatin, LHRH or bombesin analogue. The compounds disclosed are useful as targeted cytotoxic agents. Also disclosed herein are intermediates for the production of compounds of formula (I).
Divisional filed as 576739

(21) 564703 (22) 29 Jun 2006

(54) Method and arrangement for triggering a series spark gap
(86) PCT/FI2006/050296 (87) WO2007/003706

(51) IP2009.01:H01T2/02; H01T15/00; H02H9/06; H02H7/16
 (71) Nokian Capacitors OY
 (72) Hallstrom, Jari; Kansala, Tarmo; Holm, Heikki;
 (31) 05 055377 (32) 1 Jul 2005 (33) FI
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A method and arrangement for triggering a spark gap is disclosed. A series spark gap is triggered such that in parallel with partial spark gaps (1, 2) of the series spark gap there are coupled first voltage distribution means. Further, at least in one partial spark gap (1, 2) there is arranged an additional electrode (10) whose voltage is set to a given level by means of second voltage distribution means. The voltage level of the additional electrode (10) is changed by disturbing the voltage distribution of the second voltage distribution means. Thus the spark gap between the main electrode (6a, 6b) of the partial spark gap (1) and the additional electrode (10) will be ignited. Capacity of the second voltage distribution means is lower than that of the first voltage distribution means and consequently the voltage acting over the first voltage distribution means does not change significantly. Thus the voltage determined by the first voltage distribution means acts over the spark gap that is between the additional electrode (10) and the second main electrode (6a, 6b) of the partial spark gap (1) and that will also ignite, which further results in the supply voltage (U) acting only over the second partial spark gap (2), whereby a spark-over will also occur therein.

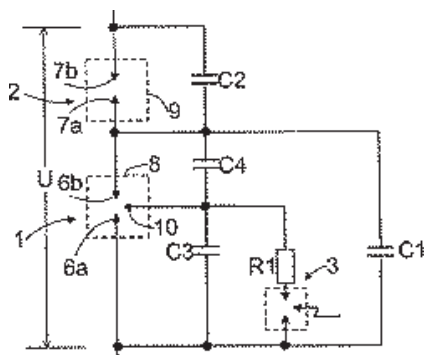
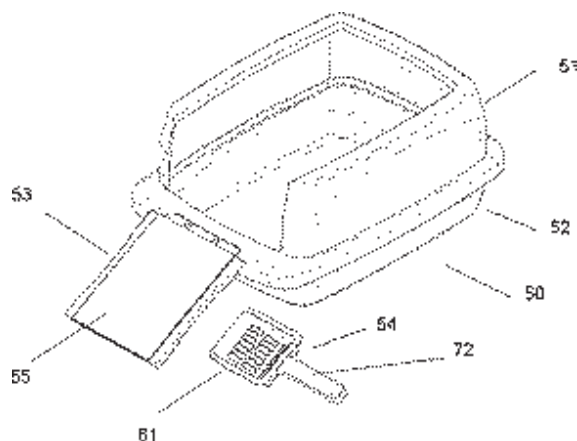


FIG. 2

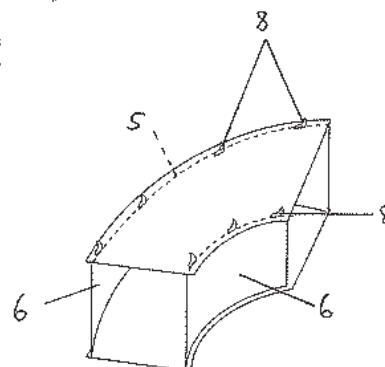
(21) 564792 (22) 10 Jul 2006
 (54) Pet litter box
 (86) PCT/AU2006/000960 (87) WO2007/006082
 (51) IP2009.01:A01K1/00,01
 (71) KRATZER, Oliver Clemens Robert; STEVENS, Grant
 (72) Kratzer, Oliver Clemens Robert; Stevens, Grant;
 (31) 05 903665 (32) 11 Jul 2005 (33) AU
 (74) IP Strategies, PO Box 1254, Camberwell, Victoria, 3124, Australia

(57) A pet litter device which includes a tray to contain pet litter, a pivoting lifting handle connected to the tray to assist in emptying used pet litter, a ramp connectable to the tray to allow ingress and egress to the tray, a skirt adapted to be attached to the perimeter of the tray and having an opening corresponding to the position of the ramp plus an optional sifting scoop for removing pet litter detachably mounted on the underside of the ramp. The upper surface of the ramp is covered in a fabric that cleans the paws of the pet. The pivoting handle, spans the width of the tray and is foldable to encompass one end of the tray, and a single fixed handle is provided at the other end of the tray and the ramp clamps onto the fixed handle. The skirt ramp and scoop are injection moulded together and are detachably connected together prior to assembly with the tray. The injection moulded skirt ramp and scoop nest with the tray prior to assembly for ease of storage and display in retail outlets.



(21) 564803 (22) 5 Jun 2006
 (54) Fabricating a metal beam
 (86) PCT/GB2006/002040 (87) WO2006/129118
 (51) IP2009.01:B23K33/00; B21D47/04; E04C3/04
 (71) Henley Technology Ltd
 (72) Window, John;
 (31) 05 0511311 (32) 3 Jun 2005 (33) GB
 (74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia

(57) A method of fabricating a metal beam for use as a structural building member in building construction, the metal beam comprising two face plates of sheet metal held mutually spaced apart by a reinforcing web 6 extending perpendicularly to each of the face plates and secured thereto by welding or by brazing, characterised in that, each face plate is formed with a row of slots 5 which together follow a line of engagement between the face plate and the supporting web 6, the reinforcing web 6 is formed along each longitudinal edge with an array of edge projections 8 sized and spaced apart to engage with the rows of slots 5 to locate the reinforcing web 6 along the line of engagement with each face plate as defined by the rows of slots 5, at least some of the edge projections 8 are sized to pass completely through the slots 5 with which they engage, to emerge on the opposite side of the respective face plates where they are bent so as temporarily to retain the supporting web 6 located along the line of engagement defined by the rows of slots 5, while thus temporarily retained, each face plate is welded or brazed to the supporting web 6 along the line of engagement there between, and on completion of the welding or brazing, all edge projections 8 of the supporting web 6 which pass completely through the face plates to stand proud on the other side are removed by grinding, to finish flush with the outer faces of the respective face plates.



(21) 564851 (22) 20 Jun 2006
 (54) Directional surveillance camera with ring of directional detectors
 (86) PCT/AU2006/000860 (87) WO2006/135962
 (51) IP2009.01:G08B13/196,18,26; H04N7/18
 (71) Lextar Pty Ltd
 (72) Moore, Daniel John;
 (31) 05 903226 (32) 20 Jun 2005 (33) AU
 (74) FISHER ADAMS KELLY, Level 29, Comalco Place, 12 Creek Street, Brisbane, Queensland 4000, Australia
 (57) A motion detector, network of multiple motion detectors, and a method of using such motion detectors is disclosed. The motion detector consists of multiple motion detector elements each having a preset field of view. An alarm signal is generated by a motion detector element when movement is detected. This alarm signal is sent to a detector controller which converts the alarm signal to a control signal for an associated camera. The camera is controlled to direct the field of view of the camera to match the preset field of view of the motion detector element that generated the alarm.

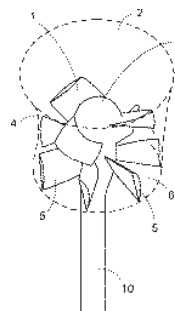


Fig.1b

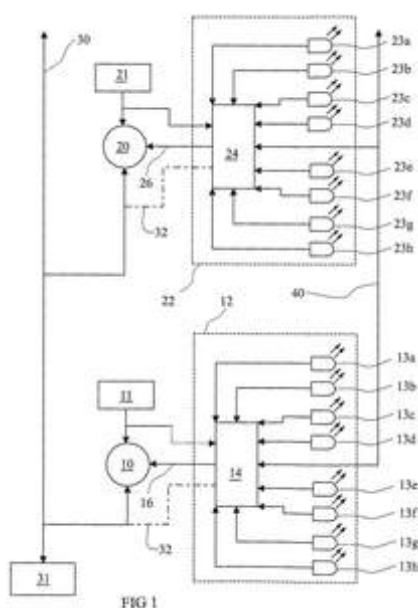
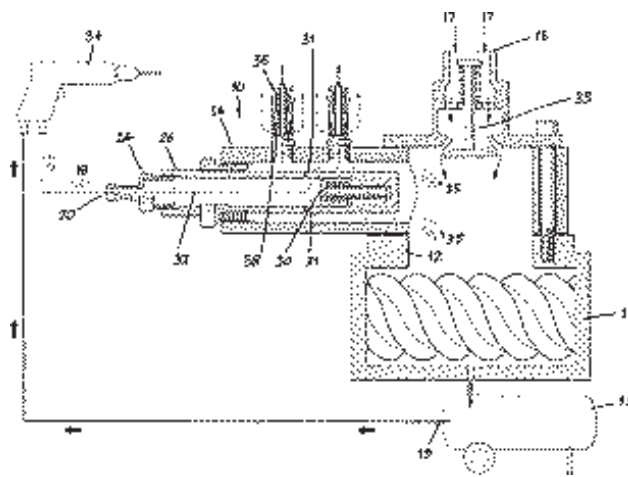


FIG 1

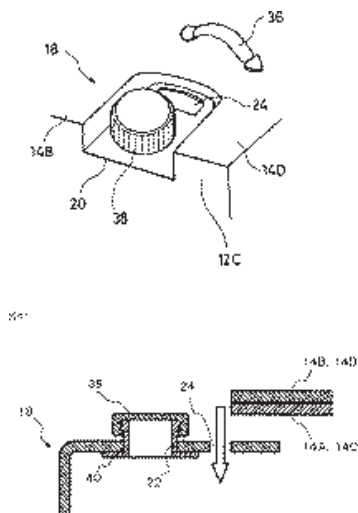
(21) 564888 (22) 10 Jul 2006
 (54) Turbine for a hydroelectric power station
 (86) PCT/EP2006/006719 (87) WO2007/006524
 (51) IP2009.01:F03B13/10,08
 (71) Aloys Wobben
 (72) Rohden, Rolf; Holtkamp, Dirk;
 (31) 05 05032381 (32) 8 Jul 2005 (33) DE
 (74)
 (57) A turbine is provided for a hydroelectric power station. The turbine has a rotor with a plurality of blades, with the rotor being arranged in front of a guide apparatus (in the flow direction). The pitch angle of the blades on the rotor is designed to be variable. The turbine is in the form of an upstream rotor turbine so that the blades have an afflux flow, which is substantially undisturbed by the turbine in the through-flow direction.

(21) 564925 (22) 1 Jun 2006
 (54) Adaptor for an air compressor and an air compressor
 (86) PCT/AU2006/000748 (87) WO2007/006074
 (51) IP2009.01:F15B21/14
 (71) BGM INNOVATIONS LIMITED
 (72) Bosua, Christopher John;
 (31) 05 903616 (32) 7 Jul 2005 (33) AU
 (74) CALLINANS, 1193 Toorak Road, Camberwell, Victoria 3124, Australia
 (57) An adaptor (10, 50) for an air compressor (11,51). The adaptor includes a manifold (14,52) having an inlet (20,74) adapted to be connected to the air exhaust of at least one air tool device (34) having an air motor connected, in use, to the air compressor. An outlet (12,54) is adapted to be connected, in use, to the air intake of the air compressor, an air inlet (16,70) is open to ambient air and a valve mechanism (33,66) is adapted to, in use, close the air inlet when a first predetermined pressure is reached by the air compressor.

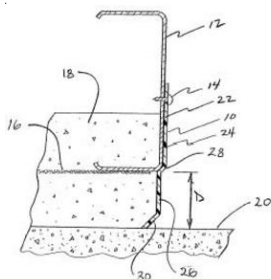


(21) 565081 (22) 8 Jun 2006
 (54) Bag-in box
 (86) PCT/JP2006/311529 (87) WO2006/134827
 (51) IP2009.01:B65D5/74,465,472,475,60; B65D77/06; B65D5/70
 (71) NISSAN DIESEL MOTOR CO., LTD.
 (72) Inoue, Kimihiro;
 (31) 05 175093 (32) 15 Jun 2005 (33) JP
 (74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A bag-in-box includes an inner bag formed integrally with a liquid spout 40 detachably threaded with a cap 38 or a hose 42 and housed in an outer box 18 of an approximately rectangular parallelepiped shape.

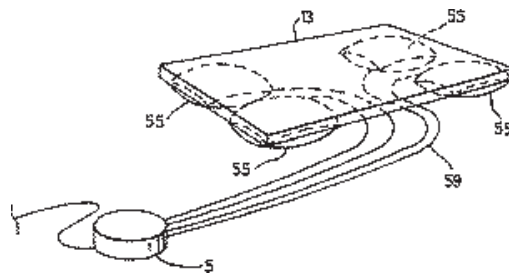
The box has four side plates 12C forming a body part, a top plate forming a double structure top part 14A, 14B, 14C, and 14D, and a bottom plate forming a double structure bottom part. An approximately U-shaped flap having a tip extending from a fold line 20 at a position spaced apart by a prescribed distance from an upper edge of a side plate 12C connected to a top plate positioned on the inside of the double structure towards the top plate, is folded inward about the fold line. A fixing hole 22 for fixedly fitting the liquid spout, and a slot 24 enabling insertion of the fingers of an operator, are formed in this order in the flap from the fold line toward the tip. Perforations enabling the tear-off of a portion facing the fixing hole and the slot are formed in a top plate positioned on the outside of the double structure.



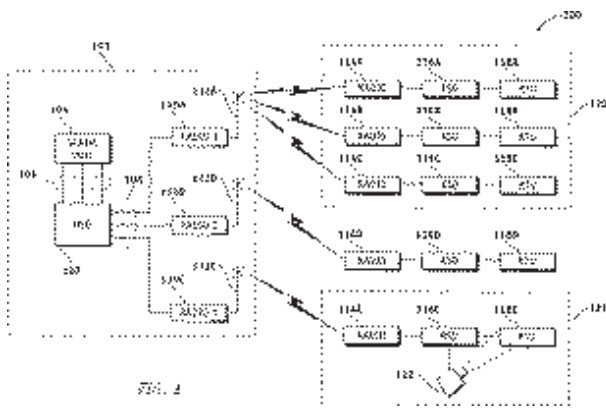
(21) 565128 (22) 23 Jun 2006
 (54) Form for casting light weight composite concrete panels
 (86) PCT/US2006/024466 (87) WO2007/002388
 (51) IP2009.01:B28B7/02
 (71) Ecolite International, Inc.; Ecolite International, Inc.
 (72) Smith, Brian D;
 (31) 05 693823 (32) 24 Jun 2005 (33) US
 (74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia
 (57) A concrete form for supporting a steel frame above a pouring pad comprises a vertical wall configured to be fastened to the steel frame, a marker on the vertical wall for spacing the frame a predetermined distance above the pouring pad, and a sealing member extending from a lower edge of the wall for sealing the form to the pouring pad. Preferably, the vertical wall has an upper portion, a horizontally offset lower portion, and a shoulder there between which engages an edge of the steel frame. The sealing member is preferably a lip extending from the vertical wall at an obtuse angle and engaging the pouring pad at an obtuse angle.



(21) 565176 (22) 23 Jun 2006
 (54) A device for supporting, rolling and/or rocking a mattress
 (86) PCT/GB2006/002329 (87) WO2006/136854
 (51) IP2009.01:A47D9/02; A47C21/00; A47D9/04
 (71) Harding, Lynda Joy
 (72) Harding, Lynda Joy;
 (31) 05 0512901 (32) 24 Jun 2005 (33) GB
 (74) DON HOPKINS & ASSOCIATES, Level 12, Forsyth Barr House, Johnston Street, Wellington 6011, New Zealand
 (57) A baby's or small child's cot device for supporting a mattress on a baby's or small child's cot the device comprising a mattress support 13 adapted to be removably mounted on a base frame of the cot within the walls of the cot and on which the mattress rests in use, the mattress support 13 being provided with spaced apart mounts which, in use, rest on the base frame of the cot so as to movably mount opposed portions of the mattress support 13 on the bed or cot, the device further comprising actuation means comprising at least four airbags 55 controlled by control valves operative to roll and/or rock the mattress support 13 on the mounts such that the side portions and/or the end portions of the mattress support 13 repeatedly rise and, fall, the rolling and rocking being simultaneous if required, wherein the at least four airbags 55 are secured to the underside of the mattress support 13 and which rest in use on the base frame of the cot such that the mattress support 13 is spaced from the base frame of the cot by the airbag the airbags 55 functioning in use as the actuation means and at least one mount, wherein inflation and deflation of the air bags effects the desired movement of the mattress support 13 and wherein the airbags 55 can also be controlled to raise or lower the mattress support 13 in a generally vertical direction, and wherein the mattress is provided with venting means to permit air flow through the mattress support 13 in use.

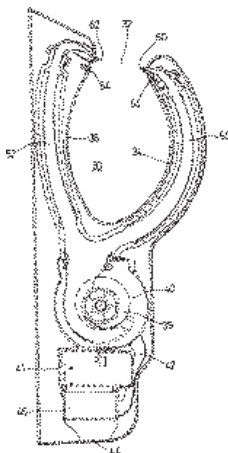


(21) 565209 (22) 16 Jun 2004
 (54) Methods, systems and devices for securing supervisory control and data acquisition (SCADA) communications
 (51) IP2009.01:H04L12/12; H04L29/06; H04L9/00,32; G06F17/60
 (71) Robert Thomas Sill
 (72) Bartels, Andrew; Schneider, Peter; Guilotte, Mike;
 (31) 03 484383 (32) 1 Jul 2003 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A secure supervisory control and data acquisition (SCADA) system. A SCADA control host system (101) includes a control host (104) and a first transceiver (110A-C), and a remote terminal system (121) includes a remote terminal unit (RTU) (118A-E) and a second transceiver (114A-E). SCADA information is communicated between the control host and the RTU via the transceivers.
 A host security device (HSD) (102) is coupled to the control host, and a remote security device (RSD) (116A-E) is coupled to the RTU. The HSD and the RSD transparently encrypt and decrypt the SCADA information to give secure communications between the control host and the RTU and between the HSD and the RSD.
 The HSD includes a module used to generate and communicate a control message containing instructions relating to the operation of the RSD. The RSD includes a module used to receive, interpret, and carry out the instructions of the control message.
 (62) Divided Out of 544888



(21) 565370 (22) 15 Jun 2006
 (54) Drying apparatus
 (86) PCT/GB2006/002199 (87) WO2007/015045
 (51) IP2009.01:A47K10/48
 (71) Dyson Technology Limited
 (72) Dyson, James; Gammack, Peter David;
 (31) 05 0515749 (32) 30 Jul 2005 (33) GB
 (31) 06 0600879 (32) 17 Jan 2006 (33) GB
 (74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia

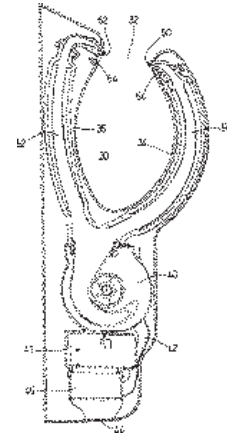
(57) Drying apparatus (10) has a casing (12), a cavity (30) formed in the casing for receiving an object, a fan (40) located in the casing and capable of creating an airflow, a motor (39) arranged to drive the fan. At least one opening (60, 62) communicates with the fan and is arranged in the casing so as to direct an airflow transversely across the cavity. The motor has a rotor which, in use, is capable of rotating at a speed of at least 80,000 rpm. This produces a high velocity, high pressure airflow which is capable of drying an object efficiently and quickly. The apparatus is suitable for use in a hand dryer.



(21) 565371 (22) 7 Jun 2006
 (54) Drying apparatus
 (86) PCT/GB2006/002093 (87) WO2007/015040
 (51) IP2009.01:A47K10/48
 (71) Dyson Technology Limited
 (72) Dyson, James; Gammack, Peter David; Churchill, John; Hackwell, Paul Cedric Campbell; Macnaughton, Roy; Nicolas, Frederic;
 (31) 05 0515750 (32) 30 Jul 2005 (33) GB

(31) 06 0600872 (32) 17 Jan 2006 (33) GB
 (74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia

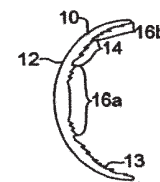
(57) A drying apparatus (10) having a casing (12), a cavity (30) formed in the casing for receiving an object, a fan (40) located in the casing and capable of creating an airflow, and at least one slot-like opening (60, 62) communicating with the fan and arranged in the casing so as to direct an airflow transversely across the cavity. The slot-like opening has a maximum width which is no greater than 1.0 mm. This produces a very narrow, high velocity, high pressure airflow which is capable of drying an object efficiently and quickly. The apparatus is suitable for use in a hand dryer.



(21) 565442 (22) 16 Jun 2004
 (54) Bifocal multiorder diffractive lenses for vision correction
 (51) IP2009.01:G02C7/00,02,06
 (71) Apollo Optical Systems, Inc.
 (72) Morris, Michael G; Buralli, Dale A; Federico, Richard J;
 (31) 03 462294 (32) 16 Jun 2003 (33) US
 (74) Freehills Patent & Trade Mark Attorneys, Level 43, 101 Collins Street, Melbourne, Victoria 3000, Australia

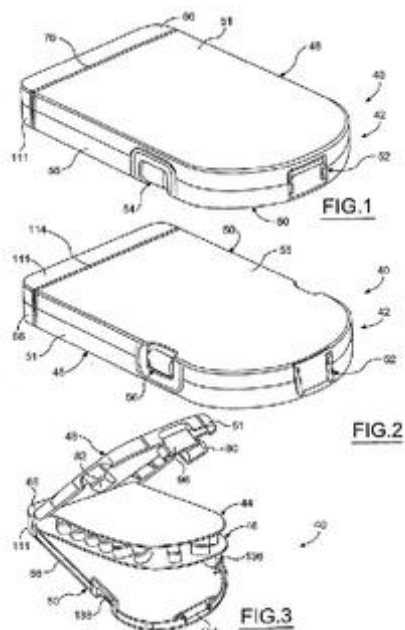
(57) A bifocal multiorder diffractive lens 10 comprising a lens body 12 shaped to refract light to provide distance vision correction, and one or more multiorder diffractive structures 14 16a 16 b for adding power to the lens 10 for near vision correction, wherein one or more the diffractive structures 14 16a 16b is in accordance with wavelengths for both photopic and scotopic vision.

(62) Divided Out of 544127

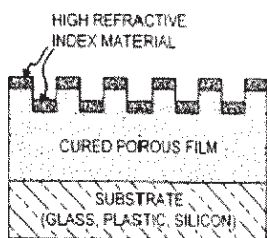


(21) 565499 (22) 14 Jul 2006
 (54) Child-resistant compact for blister card products
 (86) PCT/US2006/027372 (87) WO2007/015755
 (51) IP2009.01:B65D83/04
 (71) REXAM CLOSURE SYSTEMS INC.
 (72) Brozell, Leonora M; Brozell, Brian J;
 (31) 05 190032 (32) 26 Jul 2005 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A child-resistant compact for dispensing product on blister cards includes a first portion (48) having a first panel (51) hinged to a first clamp

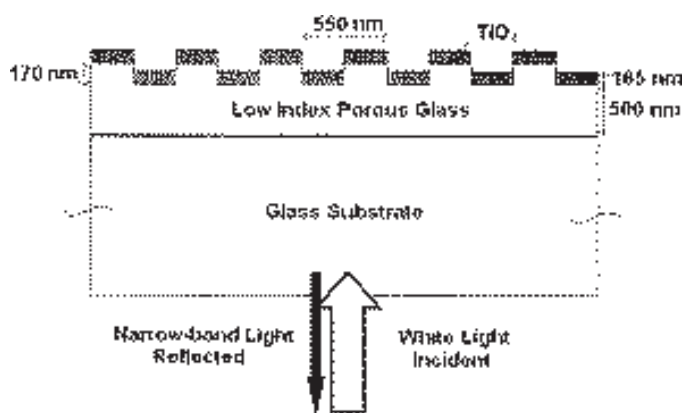
(66) for capturing an end of a first blister card (44), and a second portion (50) having a second panel (55) hinged to a second clamp (111) for capturing an end of a second blister card (46). The first and second clamps are connected to each other such that the first and second panels form a chamber for enclosing the blister cards. At least one child-resistant latch is on the periphery of the panels for opening one or both panels with respect to the clamps for access to the blister cards. The first and second portions of the compact preferably are of integrally moulded plastic construction, either separate from or integrally with each other. The at least one child-resistant latch preferably includes a first latch (52) at an end of the compact opposite the clamps, and second latches (54, 56) on opposite sides of the compact, preferably requiring simultaneous activation to open the compact. The panels preferably include a guide adjacent to the first latch for aligning the panels as the compact is closed to facilitate engagement of the latch elements on the panels.



(21) 565681 (22) 29 Jun 2006
 (54) Photonic crystal biosensor structure and fabrication method
 (51) IP2009.01:G01N21/25; G01N33/52
 (71) SRU Biosystems, Inc.
 (72) Cunningham, Brian T;
 (31) 05 177707 (32) 8 Jul 2005 (33) US
 (31) 05 177708 (32) 8 Jul 2005 (33) US
 (74) SPRUSON & FERGUSON, St Martins Tower, Level 35, 31 Market Street, Sydney, New South Wales 2000, Australia
 (57) A sensor comprises a nanoporous material supported on a substrate and coated on a top surface with a high dielectric constant dielectric coating. The coating and the nanoporous material form a sub-wavelength period grating structure.



(21) 565682 (22) 29 Jun 2006
 (54) Photonic crystal biosensor fabrication method
 (86) PCT/US2006/025400 (87) WO2007/008440
 (51) IP2009.01:G01N21/25; G01N33/52; G02B5/18
 (71) The Board of Trustees of the University of Illinois
 (72) Cunningham, Brian T; Block, Ian; Chan, Leo Li-Ying;
 (31) 05 177708 (32) 8 Jul 2005 (33) US
 (31) 05 177707 (32) 8 Jul 2005 (33) US
 (74) SPRUSON & FERGUSON, St Martins Tower, Level 35, 31 Market Street, Sydney, New South Wales 2000, Australia
 (57) A method of making sensors. In one embodiment the method comprises patterning a sub-wavelength period grating on a nanoporous film and then depositing a high dielectric constant material on the patterned nanoporous film. In another embodiment the method comprises depositing and patterning a high dielectric constant material on top of a nanoporous film.



(21) 565715 (22) 21 Aug 2006
 (54) Multifunction key assembly
 (86) PCT/IL2006/000970 (87) WO2007/026345
 (51) IP2009.01:H01H25/06
 (71) ISCAR LTD.; GIL HECHT
 (72) Hecht, Gil;
 (31) 05 170586 (32) 30 Aug 2005 (33) IL
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A multifunction key assembly for inputting data to an electronic device. The multifunction key assembly has two switches operated by a single key cap. The key cap can be displaced vertically into three major active positions and horizontally into four minor active positions, giving rise to twelve distinct output data signals for inputting to the electronic device.

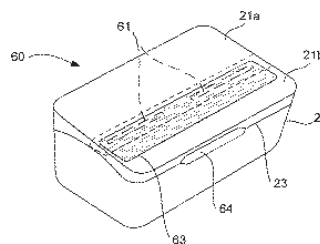
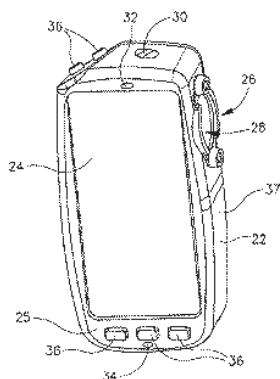


FIG. 6(a)

(21) 565743 (22) 29 Jul 2005

(54) Substantially flat fire-resistant safety cable where the insulating outer layer turns into a ceramic when heating, shielding the electrical conductor

(86) PCT/FR2005/001988 (87) WO2007/012703

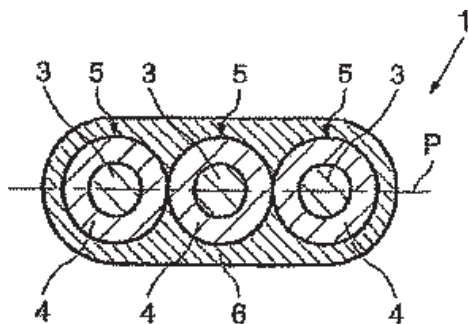
(51) IP2009.01:H01B7/29,17

(71) Prysmian Cables et Systemes France

(72) Jorand, Thierry; Pons, Jean-Louis;

(74) DAVIES COLLISON CAVE - SYDNEY, 255 Elizabeth Street, Sydney, New South Wales 2000, Australia

(57) A fire-resistant safety cable (1) comprises at least two electrical conductors (3). An insulating layer (4) surrounds each electrical conductor (3) in order to obtain at least two insulated elements (5). The insulating layer (4) is formed from at least one polymeric material capable of being converted, at least on the surface, into the ceramic state at high temperatures in a fire. An outer jacket (6) surrounds the insulating elements (5). The cable has, in cross section, an external outline comprising at least two substantially plane faces that are substantially parallel to each other. The insulated conductors are mutually adjacent, side by side, and their axes lying in one and the same plane between the at least two faces.



(21) 565857 (22) 19 Oct 2005

(54) Produce packaging container with dual hinged resealable tops

(86) PCT/US2005/037782 (87) WO2006/130172

(51) IP2009.01:B65D51/04

(71) Sambrailo Packaging, Inc,

(72) Cadiente, Anthony;

(31) 05 139275 (32) 27 May 2005 (33) US

(31) 05 251352 (32) 13 Oct 2005 (33) US

(74) Pizzzeys Patent and Trade Mark Attorneys, Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 4000, Australia

(57) A produce container is disclosed. The container comprises of a basket body with an opening for inserting items inside the container; a pair of lids for covering the opening in the basket body, a latch formed on the pair of lids for securing the lids in a closed configuration; and a fastener that is affixed to at least the pair of lids when closed to further secure the

lids. The lids each include a first end attached to the basket body and a second end arranged distally from the first end. The second end has a substantially straight edge arranged so that when closed the distal end of a first one of the lids overlaps the distal end of a second one of the lids to cover the opening in the basket body;

(21) 566067 (22) 21 Jul 2006

(54) Medical oscillating compliance devices and uses thereof

(86) PCT/US2006/028354 (87) WO2007/014028

(51) IP2009.01:A61M25/10; A61M1/10

(71) The Cleveland Clinic Foundation

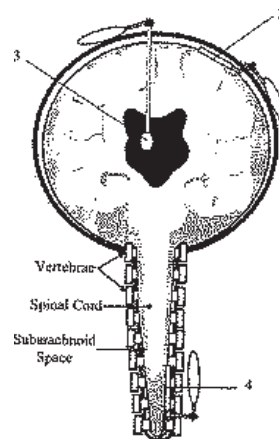
(72) Luciano, Mark G; Dombrowski, Stephen M;

(31) 05 701596 (32) 21 Jul 2005 (33) US

(31) 05 735388 (32) 10 Nov 2005 (33) US

(74) DAVIES COLLISON CAVE - MELBOURNE, 1 Nicholson Street, Melbourne, Victoria, Australia

(57) An oscillating compliance device comprising a compressible composition 3 capable of being placed within an epidural 2 or CSF 4 space of the patient's brain or spinal cord, a pump coupled to the compressible composition 3 for the expansion and compression of the compressible composition 3, and a reservoir coupled to the pump.



(21) 566081 (22) 19 Jul 2006

(54) Combination of a desalination plant and a salinity gradient power reverse electro dialysis plant and use thereof

(86) PCT/BE2006/000078 (87) WO2007/009196

(51) IP2009.01:H01M14/00; C02F1/04,44

(71) VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK (VITO)

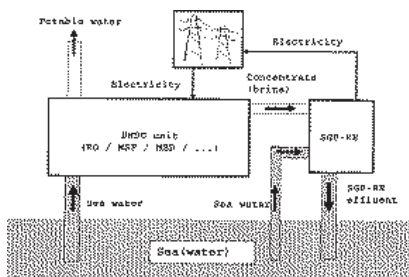
(72) Brauns, Etienne;

(31) 05 05447175 (32) 20 Jul 2005 (33) EP

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

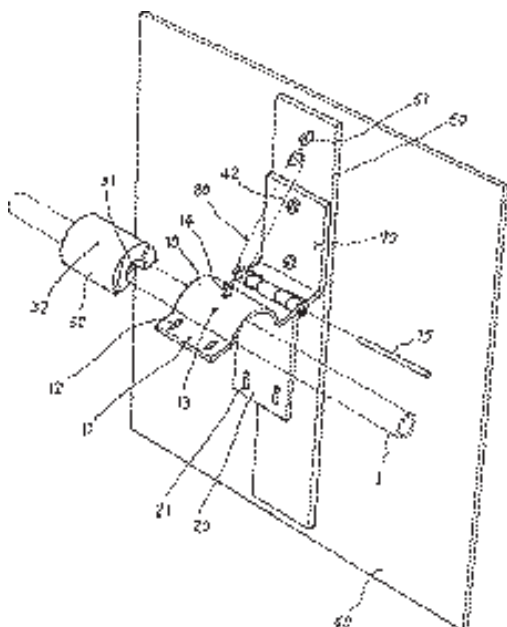
(57) A desalination plant that includes a salinity gradient power unit is disclosed. The plant has a sea water intake, a desalination unit comprising a reverse osmosis or a thermal desalination unit, a fresh water outlet and

a brine outlet. A salinity gradient power unit has a brine inlet that receives brine as a high salinity feed from the brine outlet of the desalination unit, a seawater inlet, and a mixed water outlet. A solar power heater is located between the brine outlet and the brine inlet. The power unit is used as an energy source for the desalination plant. Seawater or a combination of seawater and fresh water is used as a low salinity feed to the power unit.



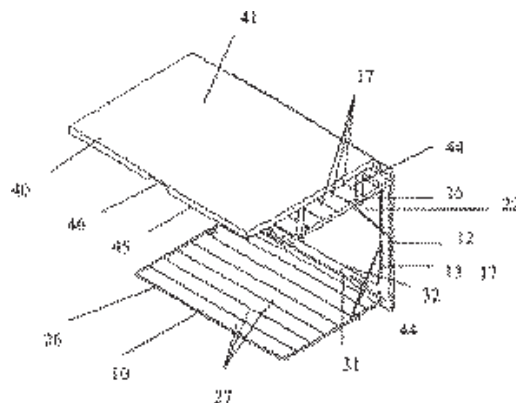
(21) 566105 (22) 21 Jul 2006
 (54) Road traffic-control signboard assembly having automatic return function
 (86) PCT/KR2006/002872 (87) WO2007/015602
 (51) IP2009.01:E01F9/00
 (71) Kim, Ki Ryong
 (72) Kim, Ki Ryong;
 (31) 05 0522608 (32) 2 Aug 2005 (33) KR
 (74) AHEARN FOX, Level 4, 141 Queen Street, Brisbane, Queensland 4001, Australia

(57) A road sign assembly where the signboard can return to its correct orientation after impact is disclosed. The assembly includes an elastic body (30) that wraps around a stay bar (1) of a road sign, and a clamp (10, 20) that encircles the elastic body. The clamp is connected to a support plate (70) by a hinge. The support plate and a reinforcement plate (60) are connected to the signboard. A tension spring (80) extends from an upper region of the reinforcement plate to the upper section (10) of the clamp. The spring acts to return the signboard to a vertical orientation if the signboard is moved by an external force.



(21) 566138 (22) 4 Aug 2006
 (54) Stowable clothes line assembly and cover
 (86) PCT/AU2006/001110 (87) WO2007/016728
 (51) IP2009.01:D06F57/12; D06F53/00
 (71) LEIGHTON, Wayne
 (72) Leighton, Wayne;
 (31) 05 904227 (32) 5 Aug 2005 (33) AU
 (74) DAVIES COLLISON CAVE - SYDNEY, 255 Elizabeth Street, Sydney, New South Wales 2000, Australia

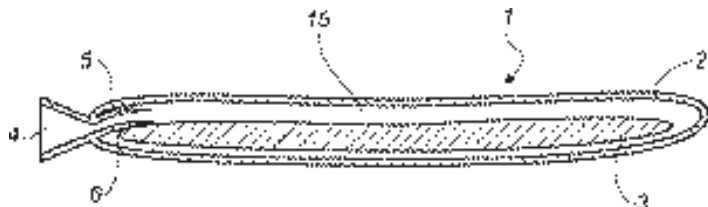
(57) A clothes line assembly including: a support; a line carrier which is adapted to have attached thereto a plurality of lines to which clothing or other articles can be secured, the line carrier being operatively mounted to the support for movement between an in-use position in which it extends laterally from the support and a non-use position; the support including a support frame which is mountable to a wall or similar structure, the line carrier being pivotally mounted to the support frame for pivotal movement between the in-use and non-use positions; and a cover arranged so that when the line carrier is in the non-use position the cover and line carrier can adopt a stowed position in which the cover can conceal the line carrier from view, and in which the cover substantially abuts the lines and/or the line carrier, wherein the cover includes a panel operatively connected to the line carrier so that in an operative position with the line carrier in the in-use position the cover is disposed above and in spaced relation from the lines on the line carrier.



(21) 566251 (22) 13 Jul 2006
 (54) Locatable and information sound device and method
 (86) PCT/GB2006/002605 (87) WO2007/012806
 (51) IP2009.01:G08B3/10
 (71) Sound Alert Limited
 (72) Withington, Deborah Jane; Keane, James Brendan;
 (31) 05 0515269 (32) 26 Jul 2005 (33) GB
 (31) 05 197748 (32) 5 Aug 2005 (33) US
 (74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand
 (57) A device which is adapted to emit sequentially a locating sound signal comprising broad band sound and an information sound signal comprising at least verbal information is provided.

(21) 566320 (22) 30 Aug 2006
 (54) Heat cushion
 (86) PCT/DK2006/000466 (87) WO2007/025543
 (51) IP2009.01:A61F7/08
 (71) HOJBJERG, Jens Harder
 (72) Hojbjerg, Jens Harder; Hansen, Jan Bertholdt;
 (31) 05 01198 (32) 30 Aug 2005 (33) DK
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand
 (57) A cushion (1) includes a flexible cover (2) defining a chamber (15). A water-absorbing material (3) is placed inside the chamber, upon absorp-

tion of water the water-absorbing material being suitable for heating by means of microwaves. The cover has a sealable feeding mouth (4) so that water may be poured into the chamber. The water-absorbing material is a powder material of super absorbent polymer (SAP). The flexible cover is made from a polymeric film covered with a textile. A check valve is provided in connection with the feeding mouth.



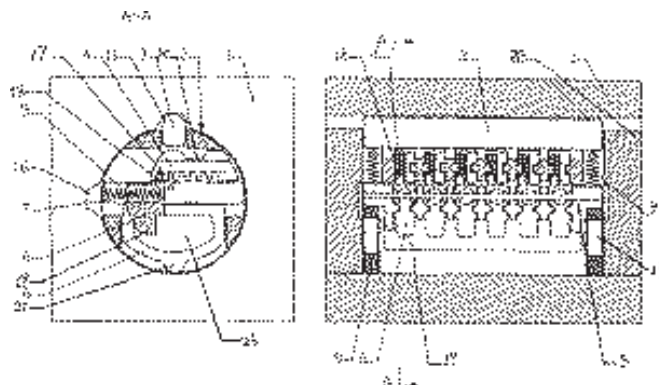
- (21) 566680 (22) 13 Mar 2008
 (54) Method of business valuation and data processing system
 (51) IP2009.01:G06Q40/00
 (71) BStar IP Pty Ltd
 (72) Tombs, Dave; Bloxham, Grant;
 (31) 07 901414 (32) 19 Mar 2007 (33) AU
 (74) CULLEN & CO, Level 32, 239 George Street, Brisbane, QLD 4001, Australia
 (57) A data processing system for valuing a business is provided. The system includes:
 (a) processing means for processing data;
 (b) storage means for storing data;
 (c) data entry means to enter into the processing means, data related to the financial performance of a business to be valued, including at least an income component, and an expense component, and value optimisation factors that determine business value in the light of the business background and the relevant industry of the business to be valued;
 (d) the processing means establishing a business capitalisation rate (BCR) appropriate for the business and industry of the business to be valued based on the value optimisation factors and the data related to the financial performance of a business to be valued;
 (e) the processing means calculating a weighted average notional earning before interest and tax (WANEBIT) based on historical financial records contained in the business background of the business to be valued; and
 (f) the processing means calculating the net business value using the WANEBIT and the BCR; and
 (g) the processing means checking that the business capitalisation rate (BCR) established is viable, including the sub-steps of:
 (i) calculating a peak notional business value ratio (PNBVR) of net business value to total income for an appropriate historical period;
 (ii) calculating WANEBIT as a percentage of total income for the appropriate historical period;
 (iii) calculating the business capitalisation rate as a ratio of PNBVR to WANEBIT as a percentage of total income; and
 (iv) comparing the business capitalisation rate to industry levels for reasonableness.

- (21) 566708 (22) 10 Oct 2003
 (54) Association comprising a PPAR ligand and an antioxidant agent and use thereof for treating obesity
 (51) IP2009.01:A61K45/06; A61K31/122,4439; A61P3/04,10
 (71) LES LABORATOIRES SERVIER; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)
 (72) Casteilla, Louis; Penicaud, Luc; Dacquet, Catherine; Renard, Pierre;
 (31) 02 0212646 (32) 11 Oct 2002 (33) FR
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is an association, which is rosiglitazone and coenzyme Q10.

Also disclosed is the use of the above association in obtaining pharmaceutical compositions intended for the treatment and/or prevention of

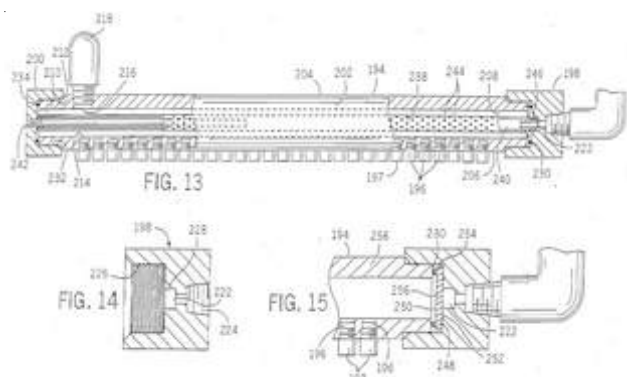
obesity, specifically obesity that was caused by a therapeutic treatment such as the treatment of type I or II diabetes.
 (62) *Divided Out of 539331*

- (21) 566738 (22) 20 Jul 2006
 (54) A multifunctional lock
 (86) PCT/CN2006/001781 (87) WO2007/028308
 (51) IP2009.01:E05B29/04; E05B35/00; E05B25/00
 (71) MALAFON ELECTRONIC (SUZHOU) CO., LTD.
 (72) Yan, Wuzhao; Shen, Yang;
 (31) 05 20075364 (32) 9 Sep 2005 (33) CN
 (31) 06 20068971 (32) 25 Jan 2006 (33) CN
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A multifunctional lock comprises a lock shell (1), a lock bar (3), movable tooth pieces (4), a support (5) for sliding blocks, sliding blocks (6) and a guide slot unit (8) for the insertion of a key. Wherein, an elastic element is provided between the lock bar and the support, the sliding blocks at least partially extend into the keyway of the unit. When the lock is unlocked, a projection of the unit has two operating positions, in one of which the projection is received into the cut of the shell and the upper teeth of the tooth pieces disengage from the bottom teeth of the sliding blocks, in another it is out of the cut and the upper teeth engage with the bottom teeth. The key of the lock can be changed many times.

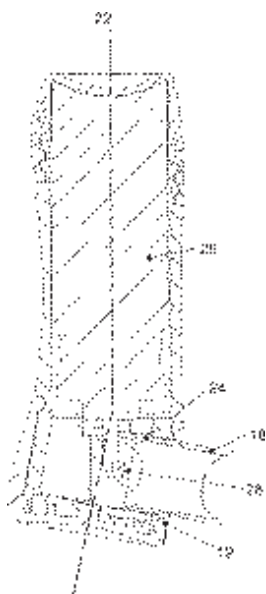


- (21) 566770 (22) 6 Feb 2004
 (54) Injection manifold for machine for injecting liquids
 (51) IP2009.01:A23B4/28; A23L1/318
 (71) Edward D. Watts; Conly L. Hansen
 (72) Watts, Edward D; Hansen, Conly L;
 (31) 03 361459 (32) 10 Feb 2003 (33) US
 (74) Pizzeys Patent and Trade Mark Attorneys, Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 4000, Australia
 (57) A machine for needleless injection of liquids into meat includes an injection component which receives high pressure injection fluid and includes a tubular manifold 204 with first 208 and second 210 open ends and a plurality of injection nozzles 196. An end cap 198 includes a fluid entry port 222 and a coaxial screw thread that is screwed onto the first end of the manifold. A flexible sealing ring 230 seals the end cap to the first end. A second end cap 200 is similarly screwed onto the other end of the manifold and sealed to the manifold by a flexible sealing ring 234. The fluid is pumped into the manifold via the fluid entry port to be injected out of the nozzles. The respective end caps allow the manifold to be easily "opened" for cleaning, and the sealing rings prevent the fluid from coming into contact with the threads whereby corrosion of the threads by the fluid is ameliorated.

Divisional filed as 579968

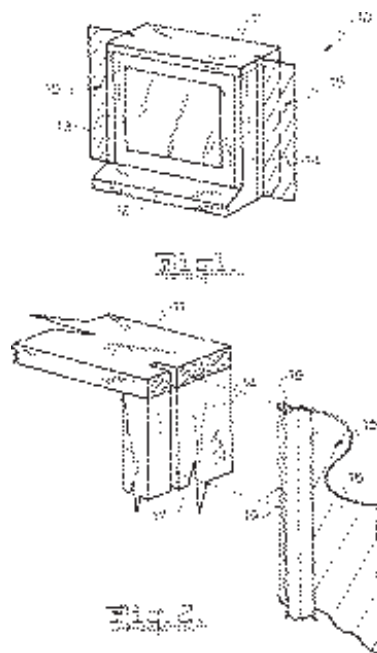


(21) 566778 (22) 22 Aug 2006
 (54) Medication dispenser and carrier therefor
 (86) PCT/AU2006/001212 (87) WO2007/022573
 (51) IP2009.01:A61M15/00
 (71) Medi-Stream Pty Ltd
 (72) Wharton, David Peter; Huber, Ben;
 (31) 05 904543 (32) 22 Aug 2005 (33) AU
 (74) FISHER ADAMS KELLY, Level 29, Comalco Place, 12 Creek Street, Brisbane, Queensland 4000, Australia
 (57) The specification describes a medication dispenser (10) for receiving a pressurised medication container and discharging therapeutic doses therefrom. The medication dispenser comprises an elongate tubular body (11) with a cavity formed in the body and adapted to receive a medication container. Lateral aperture (19) is formed in the body and communicates with the cavity. A sleeve (12) is rotatably mounted to a first end region (13) of the medication dispenser. The sleeve has a sleeve aperture (16) which moves into and out of alignment with the lateral aperture during rotation of the sleeve. A mouthpiece (18) moves between a discharge position and a storage position with rotation of the sleeve. The tubular body has a longitudinal axis (22) which deviates away from the position of the extended mouthpiece, the deviation occurring outside the first end region. A carrier (60) for use with the medication dispenser may be provided.



(21) 566800 (22) 8 Dec 2000
 (54) Pharmaceutical combinations and their use in treating gastrointestinal disorders
 (51) IP2009.01:A61K45/06
 (71) NOVARTIS AG
 (72) Billstein, Stephan Anthony; Dumovic, Peter; Franco, Nicola; Iwicki, Mark Thomas; Pfannkuche, Hans-Jurgen; Wilusz, Edward Joseph;
 (31) 99 458388 (32) 10 Dec 1999 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Provided is pharmaceutical combination comprising a first agent which is a 5-HT₄receptor partial agonist, or a pharmaceutically acceptable salt, racemate or enantiomer thereof; and a second agent which is a proton pump inhibitor, or a pharmaceutically acceptable salt, racemate or enantiomer thereof; excluding the combination of tegaserod, or a pharmaceutically acceptable salt thereof and omeprazole, or a pharmaceutically acceptable salt, enantiomer or racemate thereof. Further provided is the use of the combination in the manufacture of a medicament to treat gastro-esophageal reflux disease (GERD).
 (62) Divided Out of 541663

(21) 566849 (22) 20 Mar 2008
 (54) Flashing for window with elongate cap holding apron section offset to a projection to be inserted into slot in frame side
 (51) IP2009.01:E06B1/64,62
 (71) RICHARD ALAN WALKER; ANDREW JAMES FINDLAY
 (72) Walker, Richard Alan; Findlay, Andrew James;
 (31) 07 901455 (32) 20 Mar 2007 (33) AU
 (74) INTELLEPRO, Patent & Trade Mark Attorneys, Level 7, 102 Adelaide Street, Brisbane, QLD 4000, Australia
 (57) A window frame assembly 10 has a rectangular frame with a top frame 11, bottom frame and sill 12, side frames 13 and 14 and flashing 15, the side frame member 14 and part of the upper frame member 11 has a slot 17 extending vertically in the position where flashing would normally be attached to the side frame member 14. The same situation occurs on the opposite side frame member 13. The flashing 15 has an apron section 16 and a marginal edge section in the form of a projection 18 which is lined up and inserted into the slot 17. The projection has a support in the form of a cap 19 and the apron 16 is secured to the cap. The projection has deformable ribs to aid retention in the slot. The cap 19 holds and supports the apron section 16 in offset relationship to the projection 18.



(21) 566865 (22) 20 Mar 2008

(54) Package integrity indicating closure

(51) IP2009.01:B65D77/20; B65D75/58

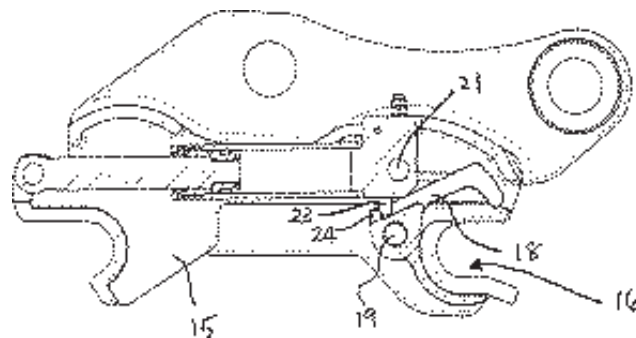
(71) Kraft Foods Global Brands LLC

(72) Cole, Carole, E; Weber, Jeffrey Thomas;

(31) 11 693751 (32) 30 Mar 2007 (33) US

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A resealable closure for a container in which package integrity is indicated by a structure which breaks and/or produces an audible sound when the resealable closure is opened for a first time. The package integrity feature, in one form includes at least one strip initially affixed to two portions which comprise the resealable closure so that upon opening the resealable closure for a first time, at least one of the strips breaks, thereby producing the audible sound. The strips may include a weakened portion such as a narrowing. Integrity of the package is indicated by an intact strip viewable upon opening the resealable closure and conversely, a broken or non-intact strip would indicate that the resealable closure has been previously opened. Package integrity may also be shown by a movable second panel or movable die cut tab portions.



(21) 567010 (22) 29 Sep 2006

(54) One at a time dispenser container for tiny screws

(51) IP2009.01:B65D25/52; B65D83/02; B65D85/24

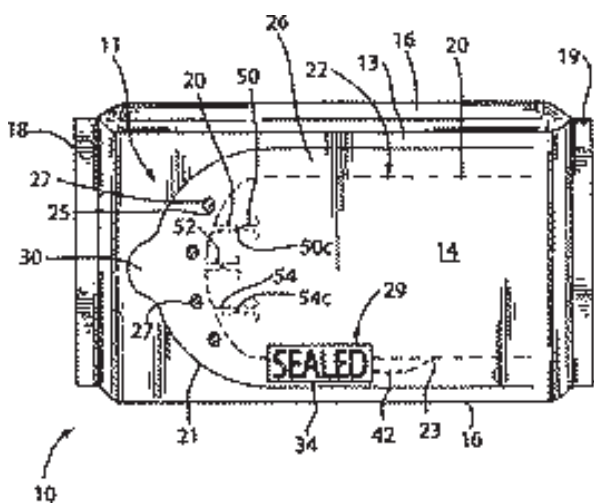
(71) BRIAN REGINALD BLACK

(72) Black, Brian Reginald; Eastwood, Michael;

(74) A J PIETRAS & CO, Level 2, Gibson Sheat Centre, 1 Margaret Street, Lower Hutt, New Zealand

(57) A dispensing container has a first compartment 22 to hold small items such as watch screws 24, a second compartment 23 from which the screws can be dispensed, and a lid 21 for the container that can be removed to allow the screws to be loaded into the container. A wall 25, 26 separates the first and second compartments except for a weir gap 28 between the top edge 27 of the wall and the under surface of the lid which is just big enough to allow only one screw at a time to pass from the first compartment to the second compartment. The weir gap can also be opened and closed by the closure wall 29 projecting from the underside of the lid as the lid is turned back and forth on the container. A screw that has been shaken into the second compartment can be dispensed from the container via the outlet aperture 31.

(62) Divided Out of 550235



(21) 566977 (22) 26 Oct 2006 (23) 25 Oct 2007

(54) Latching coupler for twin pin digger bucket

(51) IP2009.01:E02F3/96,36,40

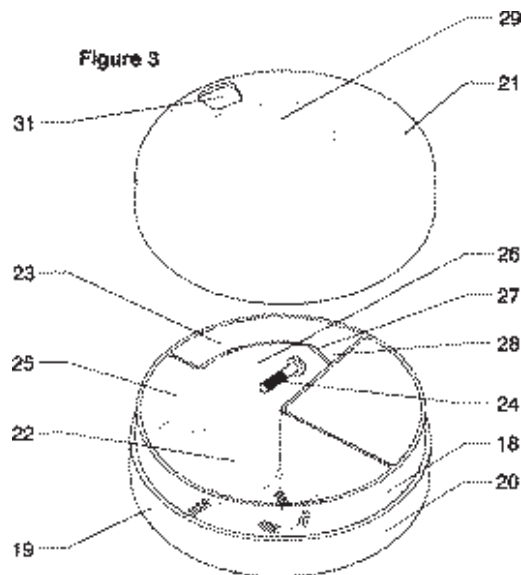
(71) J B SALES INTERNATIONAL LIMITED

(72) Scheib, Michael Kevin; Balemi, Timothy Craig;

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A coupler for coupling an implement such as a bucket with twin parallel coupling pins to a vehicle such as a digger, includes a main body connectable to the vehicle and which has a dock 16 for receiving and docking a first pin, and a slide supported by the main body, movable through a range of travel with respect to the main body, and which has a dock 15 for receiving and docking the second pin of the bucket. An actuator such as a hydraulic actuator selectively moves the slide along the main body. When the slide is moved to the expanded position the latch 18 is lifted allowing the first pin to be inserted into the dock 16 if the second pin is not docked in dock 15. Once the first pin is received into the first dock 16, the slide is moved to the least expanded position which serves to close the latch 18 maintaining the first pin docked in the dock 16 and allows the second pin to be aligned to be received into the dock 15, then moved back a little way toward the most expanded position to dock the second pin in the dock 15.

Divisional filed as 579854



(21) 567052 (22) 23 Apr 2004

(54) Thermal process for subsurface formations

(51) IP2009.01:E21B43/30; E21B36/00; E21B43/24

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

(72) Vinegar, Harold J; Zhang, Etuan; Ryan, Robert Charles; Menotti, James Louis; Schoeling, Lanny Gene; Veenstra, Peter; Harris, Christopher

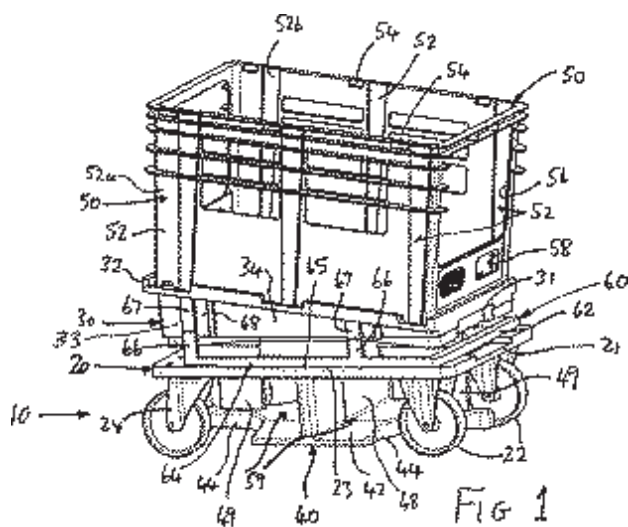
Kelvin; Sandberg, Chester L; Picha, Mark Gregory; Rambow, Frederick Henry Kreisler; Giles, Steven Paul;
 (31) 03 465279 (32) 24 Apr 2003 (33) US
 (31) 03 514593 (32) 24 Oct 2003 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A system for treating a formation in situ is disclosed. The system includes five or more oxidizers placed in an opening in the formation and one or more conduits. At least one of the conduits is configured to provide oxidizing fluid to the oxidizers and at least one of the conduits is configured to provide fuel to the oxidizers. The oxidizers are configured to allow combustion of a mixture of the fuel and the oxidizing fluid to produce heat and exhaust gas. The oxidizers and the conduit are configured to provide oxidizing fluid to the oxidizers such that at least a portion of exhaust gas from at least one of the oxidizers is mixed with at least a portion of the oxidizing fluid provided to at least another one of the oxidizers.

(62) Divided Out of 543753

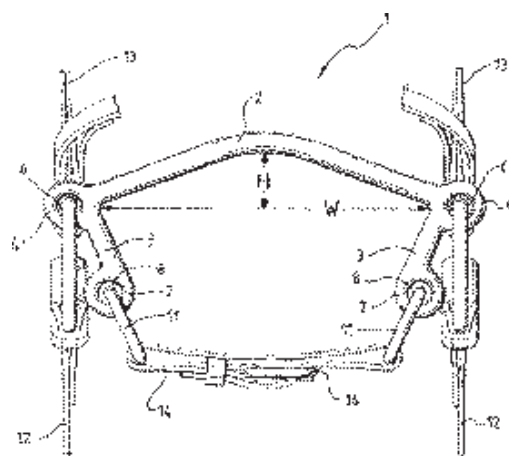
(21) 567076 (22) 5 Sep 2006
 (54) Apparatus for transporting products in crates or containers
 (86) PCT/AU2006/001290 (87) WO2007/028194
 (51) IP2009.01:B62B3/04; A47F1/14; A47F5/16; A47F7/00; B62B3/08; B62B5/04
 (71) Checkmate International Pty Ltd
 (72) Leahy, John Clifton; Dobra, Boris;
 (31) 05 904855 (32) 5 Sep 2005 (33) AU
 (74) Freehills Patent & Trade Mark Attorneys, Level 43, 101 Collins Street, Melbourne, Victoria 3000, Australia

(57) Disclosed is an apparatus which is selectively configurable as a pallet or a dolly. The apparatus includes a body having ground wheels, a support structure for one or more crates or containers, and at least one ground engageable member and latching means to latch the ground engageable member in a retracted position. The ground engageable member is fixed to the support structure, and is able to move vertically relative to the body between the retracted position, in which the apparatus is configured as a dolly freely moveable on a ground surface, and an extended position in which the ground engageable member engages an underlying ground surface to stabilise the apparatus against movement from that location. The assembly becomes a pallet support for the crates or containers. The ground engageable member has at least one transverse opening to receive a fork or forks of a lifting device. When lifted the ground engageable member rests on the fork(s), thereby facilitating transport of the apparatus and/or release and engagement of the latching means.



(21) 567199 (22) 15 Sep 2006
 (54) Horse bit
 (86) PCT/AU2006/001364 (87) WO2007/030895
 (51) IP2009.01:B68B1/06
 (71) MACRAM PTY LTD
 (72) Stevenson, Lowell Dean;
 (31) 05 905106 (32) 15 Sep 2005 (33) AU
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand

(57) A horse bit (1) has a mouth bar (2) and two control bars (3). The mouth bar (2) is arched and is in the range of 5 mm to 10 mm in diameter and its length is dependent on the size of the horse. The control bars (3) are formed integrally with, and from the same material as, the mouth bar (2) and are located at opposed ends of the control bar (2). The mouth bar (2) and the control bars (3) are substantially coplanar. Each control bar (3) is angled inwardly to engage a region of the horse's jaw and makes an angle that is in the range of 75 DEG to 90 DEG with the adjacent portion of the mouth bar (2).



(21) 567242 (22) 4 Oct 2002
 (54) Use of an IL-21/IL-21R agonist for modulating interleukin-21 receptor activity and treating cancer
 (51) IP2009.01:A61K39/395; A61K38/20; A61P19/02; A61P35/00
 (71) Genetics Institute LLC.
 (72) Carreno, Beatriz; Carter, Laura; Whitters, Matthew J; Collins, Mary; Young, Deborah A; Larsen, Glenn; Donaldson, Debra D; Lowe, Leslie D; Dunussi, Kyri; Ma, Margery; Witek, JoAnn S; Kasaian, Marion T; Ungar, Michelle;
 (31) 01 972218 (32) 4 Oct 2001 (33) US
 (31) 02 373746 (32) 17 Apr 2002 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Use of a therapeutically effective amount of an IL-21/IL-21R agonist for the manufacture of a medicament for treating, preventing or ameliorating a cancer.
 Divisional filed as 580885

(21) 567320 (22) 22 Jan 2004
 (54) Fusion constructs and use of same to produce antibodies with increased Fc receptor binding affinity and effector function
 (51) IP2009.01:C12N15/54; C12N9/10; C07K16/00
 (71) GLYCART BIOTECHNOLOGY AG
 (72) Umana, Pablo; Bruenker, Peter; Ferrara, Claudia; Suter, Tobias;
 (31) 03 441307 (32) 22 Jan 2003 (33) US
 (31) 03 491254 (32) 31 Jul 2003 (33) US
 (31) 03 495142 (32) 15 Aug 2003 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) A method for producing a polypeptide in an isolated yeast or mammalian host cell, comprising, a. culturing an isolated yeast or mammalian host cell engineered to express at least one nucleic acid encoding a polypeptide having a-Mannosidase II activity under in vitro or ex vivo conditions which permit the production of a polypeptide selected from the group consisting of a whole antibody molecule, an antibody fragment, and a fusion protein that includes a region equivalent to the Fc region of an immunoglobulin, wherein said polypeptide having (I) Mannosidase II activity is expressed in an amount sufficient to modify the oligosaccharides in the Fe region of said polypeptide produced by said host cell; and

b. isolating said polypeptide produced by said host cell.
Also disclosed are polypeptides, antibodies and fusion proteins produced by the method. The products of the method are useful in treating tumours and diseases associated with B-cell depletion.

(62) *Divided Out of 541503*

(21) 567377 (22) 25 Nov 2004

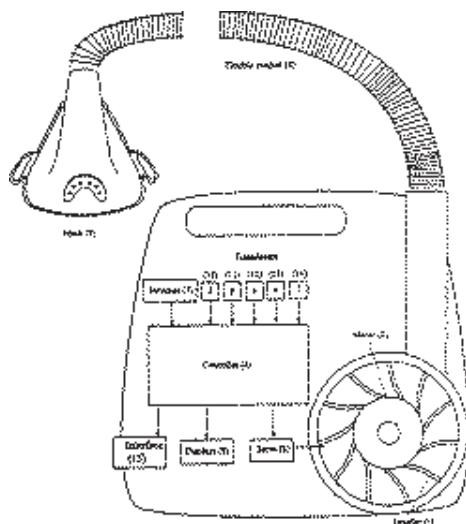
(54) Macro-control of treatment for sleep disordered breathing
(51) IP2009.01:A61M16/00; G01N33/497; A61B5/087; A61M16/06,08
(71) ResMed Limited

(72) Berthon-Jones, Michael; Malouf, Gordon Joseph; Bateman, Peter Edward; Bassin, David John; Frater, Robert Henry; Farrugia, Steven Paul;
(31) 03 525405 (32) 26 Nov 2003 (33) US

(74) JAMES & WELLS, Level 2, Regency House, 1 Elizabeth Street, Tauranga, New Zealand

(57) Apparatus for monitoring and treating sleep disordered breathing comprises an inner loop control mechanism adapted to provide at least two treatment modes, and an outer loop control mechanism adapted to monitor the effectiveness of therapy provided by the inner loop control mechanism and to control a change in mode if necessary. The treatment modes provided by the inner loop control mechanism include at least two selected from the group of basic CPAP, automatically adjusting CPAP, bi-level CPAP, and treatment of Cheyne-Stokes respiration. The outer loop control mechanism distinguishes between central and obstructive apneas, or detects oxygen desaturation events, or monitors snoring, or does two or more of these.

Divisional filed as 579858



(21) 567398 (22) 14 Apr 2008

(54) Fine textured cream cheese dairy product and a process for its preparation

(51) IP2009.01:A01J25/00

(71) Kraft Foods R & D, Inc.

(72) Eibel, Hermann; Erler, Peter; Muxfeldt, Dirk; Habermeier, Peter Anton; Wolfschoon-Pombo, Alan Frederick;

(31) 07 07007605 (32) 13 Apr 2007 (33) EP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a process for the preparation of a cream cheese product, said process comprising:

(A) obtaining a milk protein concentrate having a milk protein level of at least 5 weight percent and a whey protein to casein protein ratio of less than 1:1;

(B) adjusting the pH of the milk protein concentrate to approximately the milk protein

concentrate's isoelectric point;

(C) optionally heating the pH-adjusted milk protein concentrate; and

(D) homogenizing the pH-adjusted milk protein concentrate from step (B), if optional step (C) is not used, or from step (C), if optional step (C) is used, at a pressure of 500 bar or above to produce the cream cheese product;

wherein the pH-adjusted milk protein concentrate from step (B), if optional step (C) is not used, or from step (C), if optional step (C) is used, has a degree of denaturation of the milk protein of at least 85 weight percent, the cream cheese product produced in step (D) has a volume related mean particle size $d_{4,3}$ of about 1 to about 15 μm , and wherein the process does not require the use of a so-called creaming step used in conventional processes.

(21) 567526 (22) 18 Apr 2008

(54) Composition and method for treating wood

(51) IP2009.01:B27K3/36

(71) KEMIRA OYJ

(72) Kukkonen, Jari-Jukka; Nissinen, Timo; Aksela, Reijo;

(31) 07 070935 (32) 3 Dec 2007 (33) FI

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed is the use of a composition having a pH between 4 and 10, and including at least one C1-C7-monocarboxylic acid or a salt or a mixture thereof, and at least one chelating agent dissolved in a liquid aqueous vehicle, for treating wood while maintaining its original wood structure.

Also disclosed is a composition comprising (i) propionic acid or sorbic acid or a salt thereof; calcium formate; or a mixture thereof, and (ii) a chelating agent selected from the group consisting of an N-bis-[2-(1,2-dicarboxyethoxy)-ethyl]-amine derivative, a biodegradable aspartic acid derivative, a biodegradable polymer that binds metals and an organic phosphorus compound; and mixtures thereof.

Also disclosed is a composition comprising (i) at least one C1-C7 monocarboxylic acid or a salt or a mixture thereof, and (ii) a chelating agent selected from the group consisting of an N-bis-[2-(1,2-dicarboxyethoxy)-ethyl]-amine derivative, a biodegradable aspartic acid derivative and a biodegradable polymer that binds metals; and mixtures thereof. Also disclosed is a composition comprising ammonium formate and HEDP and having pH between 4-7.

(21) 567558 (22) 16 Aug 2005 (23) 4 Aug 2006

(54) Grass endophyte enhanced attributes

(51) IP2009.01:A01N63/04; A01H15/00; A01H17/00; A01H5/12; C12R1/645

(71) Grasslanz Technology Limited

(72) Rolston, Maurice Philip; Simpson, Wayne Roydon;

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed is a method of maintaining endophyte viability in grass seed or of avoiding significant loss of endophyte viability in grass seed due to exposure of said grass seed to elevated temperature, elevated humidity or both, or during transportation of grass seed, comprising:

(a) inoculating the grass with AR584 endophyte (AGAL deposit no. NM98/04676 dated 12 May 1998);

(b) collecting seeds from the inoculated grass, and

(c) exposing the seed to elevated heat or elevated humidity or both, or transporting said grass seed.

(62) *Divided Out of 541606*

(21) 567594 (22) 13 Apr 2003

(54) Methods of using and compositions comprising immunomodulatory compounds for the treatment and management of myeloproliferative diseases

(51) IP2009.01:A61K48/00; A61K39/395; C07D401/04; A61K31/445

(71) CELGENE CORPORATION

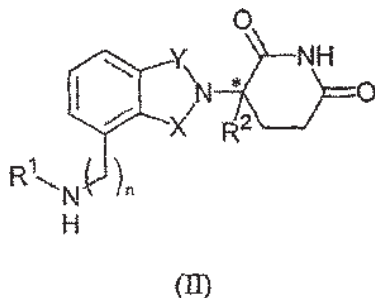
(72) Zeldis, Jerome B;

(31) 02 424730 (32) 6 Nov 2002 (33) US

(74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand

(57) Disclosed is a use of an immunomodulatory compound of formula (II), wherein one of X and Y is C=O, the other of X and Y is C=O or CH₂, and R¹, R² and n are as defined in the specification; or a pharmaceutically acceptable salt, solvate, hydrate, stereoisomer, clathrate, or prodrug thereof, alone or in combination with a second active agent, in the preparation of a composition for treating or preventing a myeloproliferative disease in a patient. Particular second active agents are capable of suppressing the overproduction of hematopoietic stem cells or ameliorating one or more of the symptoms of a myeloproliferative disease. Pharmaceutical compositions comprising the above immunomodulatory compound and the second active agents are also disclosed, wherein the immunomodulatory compound and the second active agent are present in the composition in complementary amounts or synergistically effective amounts for the treatment, prevention or management of a myeloproliferative disease.

(62) Divided Out of 540382



(21) 567731 (22) 19 Dec 2005

(54) Glove with hand-friendly coating and method of making

(86) PCT/US2005/046014 (87) WO2007/064343

(51) IP2009.01:A41D19/00; A01N25/34; A41D19/015

(71) Ansell Healthcare Products LLC

(72) Eng, Aik Hwee; Lai, Hee Meng; Yee, Bit New; Kwan, Soo Hwa; Narasimhan, Dave;

(31) 05 291227 (32) 1 Dec 2005 (33) US

(74) Pizzzeys Patent and Trade Mark Attorneys, Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 4000, Australia

(57) Disclosed is a hand-friendly rubber glove article having a cuff region and an integral glove region, wherein the glove comprises a dried coating of an emulsified hand-friendly mixture, which comprises at least one water-soluble humectant moisturizer, at least one water-insoluble occlusive moisturizer, at least one water-soluble lubricant, and at least one water-soluble surfactant, wherein the water-insoluble occlusive moisturizer is finely and substantially uniformly dispersed within the mixture, whereby the dried coating is compatible with the glove material and retains the water-insoluble occlusive moisturizer and the hand-friendly coating is transferred to the skin of a wearer upon activation with the skin-generated moisture.

(21) 567768 (22) 28 Apr 2008

(54) Thermoforming heat shrinkable and non-heat shrinkable films for packaging goods

(51) IP2009.01:C08J5/22; B32B27/32,36,08,28; B29C55/28; B32B27/30; B65D75/00,30,40

(71) Flexopack S.A. Plastics Industry

(72) Gkinosatis, Dimitris;

(31) 07 107037 (32) 26 Apr 2007 (33) EP

(74) Freehills Patent & Trade Mark Attorneys, Level 43, 101 Collins Street, Melbourne, Victoria 3000, Australia

(57) The disclosure relates to a thermoforming pack made of top and bottom web films and to a deep draw thermoforming method of forming said pack. Particularly disclosed is a thermoforming pack comprising two films with the following characteristics: (a) a first, heat shrinkable film with total heat shrinkability at least 10% at 90 deg. C; and (b) a second, substantially non heat shrinkable film with a total heat shrinkability of less than 5% at 100 deg. C. These thermoforming packs are suitable for food packaging.

(21) 567860 (22) 9 Mar 2004

(54) Uses of IL-23 agonists and antagonists that specifically bind to IL-23R

(51) IP2009.01:A61K39/395; C07K14/54,715; A61P35/00; C07K16/24; C12N15/11

(71) SCHERING CORPORATION

(72) Oft, Martin; McClanahan, Terrill K;

(31) 03 453672 (32) 10 Mar 2003 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Disclosed is the use of an antagonist of IL-23 for the manufacture of a medicament for the treatment of tumors comprising tumor cells, wherein the antagonist of IL-23 comprises an antibody, or antigen binding fragment thereof, that specifically binds to IL-23R (SEQ ID NO: 6). Also disclosed are methods of determining whether tumors express IL-23 receptor.

(62) Divided Out of 541898

(21) 567863 (22) 1 May 2008

(54) Fence gate

(51) IP2009.01:A01K3/00; E06B11/04,02; E04H17/00

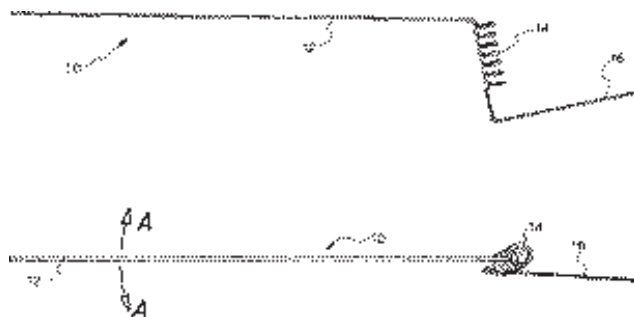
(71) Fisher Dairies Pty Ltd

(72) Fisher, Andrew;

(31) 08 100268 (32) 26 Mar 2008 (33) AU

(74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) A fence gate for use in a gateway, the fence gate comprising one or more gate members that each have: an electrifiable elongate member that can extend at least partially across the gateway; a biasing member that supports the elongate member, biases the elongate member toward a neutral position, and allows the elongate member to be deflected from the neutral position; and a mount for mounting the biasing member relative to a fence post; wherein, when the neutral position of the, or each, gate member is in the neutral position, the gateway is closed by the elongate member or members.



(21) 568117 (22) 9 May 2008

(54) A catheter sheath

(51) IP2009.01:A61M25/00; A61N1/04; A61B18/14

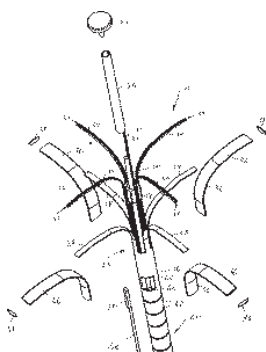
(71) CathRx Pty Ltd

(72) Ogle, David; Anderson, Neil Lawrence; Milijasevic, Neil;

(31) 07 930923 (32) 18 May 2007 (33) US

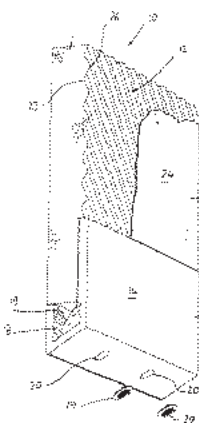
(31) 07 961017 (32) 17 Jul 2007 (33) US
 (74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South
 Wales 2000, Australia

(57) A catheter sheath (12) includes a tubular member (14) of a settable material defining a lumen (18), a distal region of the tubular member being crenelated to define a plurality of discrete elements (28). The discrete elements are displaceable between a first position in which the discrete elements extend parallel to a longitudinal axis of the tubular member and a second position in which the discrete elements project outwardly transverse to the longitudinal axis of the tubular member. A plurality of electrical conductors (30) is associated with the tubular member, the conductors projecting into the distal region of the tubular member. A sleeve is mounted about the tubular member, the sleeve and the tubular member being displaceable axially with respect to each other for effecting displacement of the discrete elements between their first and second positions. At least one electrode (36) is carried by at least one of the discrete elements, the at least one electrode being in an operative position when the discrete elements are in their second position.



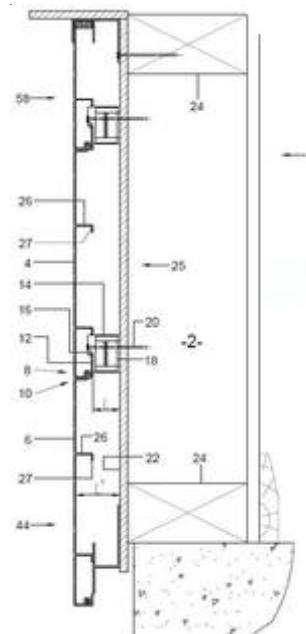
(21) 568154 (22) 9 May 2008
 (54) Insulating wall panel
 (51) IP2009.01:E04B2/72; E04C2/32,20
 (71) UNITEX GRANULAR MARBLE PTY LTD
 (72) Gubiani, Antonio Ugo;
 (31) 07 902492 (32) 10 May 2007 (33) AU
 (74) EKM PATENT, Level 1, 38-40 Garden Street, South Yarra, Victoria
 3141, Australia

(57) An insulating wall panel comprising a sheet of EPS or like insulating material having a generally flat surface on one side and having parallel ridges and troughs extending across the surface of the other side to form a corrugated surface. The sheet is rectangular and the ridges and troughs (corrugations) are disposed diagonally on the other side, the other side being the inside in use.



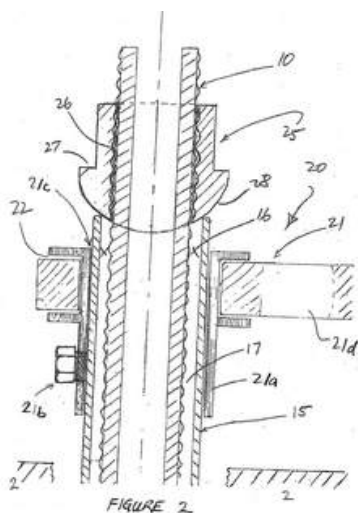
(21) 568201 (22) 7 Aug 2008 (23) 7 Aug 2009
 (54) Cavity wall system
 (51) IP2009.01:E04B2/28,02,32,30
 (71) FMI Research Limited
 (72) Lewis, Warren Paul;
 (74) M.J. Service & Associates, Suite 145, 399 Khyber Pass Road, Newmarket, Auckland 1023, New Zealand

(57) A cavity wall system 1 including a wall structure 2, a plurality of outer wall cladding panels 4 6 having a finished external surface, and formed with an engaging means 8 along at least one edge thereof for engaging with an engaging means 10 on an adjacent panel, for connecting the panels 4 6 to each other, and with an attachment rib formed on an inner surface of at least one of the panels, and a plurality of discrete attachment spacers formed with rib attachment means for attachment to the attachment rib 12 and a wall attachment surface provided a predetermined distance from the rib attachment means 16, adapted to be secured in spaced apart relationship to each other to the wall structure 2 by fastening means, with the attachment surface abutted against an outer surface of the wall structure 2, to thereby secure the panels 4 6 to the wall structure 2 via the rib attachment means 16 with a predetermined gap between the panels and the outer surface of the wall structure 2.

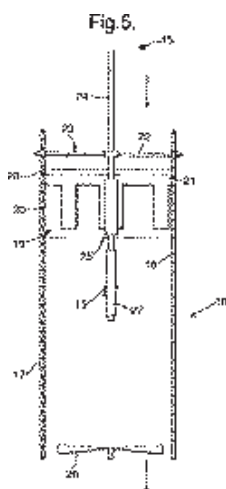


(21) 568352 (22) 16 May 2008 (23) 15 Jul 2009
 (54) Rock anchor, with swivel eye assembly, for connection to seabed or lakebed
 (51) IP2009.01:B63B21/24
 (71) Graham Clyde Fielder; Rebecca Fielder
 (72) Fielder, Graham Clyde;
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand

(57) A rock anchor assembly for drilling a hole and forming a mooring in overburden over solid rock comprises inner tubing having an outer thread, an outer sleeve which surrounds the inner tubing, swivel eye assembly and cementitious matter. The inner tubing includes a driving end and a drilling end. A drilling means is provided at the drilling end and the outer sleeve is located and joined at the driving end of the inner tubing. The swivel eye assembly is attached to the outer sleeve at the driving end and provides attachment for a warp for mooring and keeps the mooring above the seabed or lakebed. The cementitious material surrounds the inner tubing of the drilled hole. A method of installing a rock anchor assembly is also included.



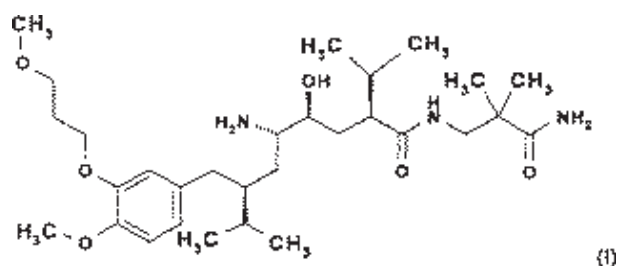
(21) 568483 (22) 11 Nov 2003
 (54) An electrostatic precipitator
 (51) IP2009.01:B03C3/45,41,06
 (71) THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
 (72) Clark, James McDonald; Foat, Timothy Graham; Walker, Maurice Daverell; Preston, Stephen Ray;
 (31) 02 0226240 (32) 11 Nov 2002 (33) GB
 (74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand
 (57) An electrostatic precipitator is provided. The electrostatic precipitator comprises a conduit for the passage of particles in an air flow. The electrostatic precipitator also comprises means for generating an electrostatic field substantially orthogonal to the air flow, and an ion supply capable of charging the particles. The generating means comprise a point electrode and a two dimensional surface electrode. The two dimensional surface electrode comprises an ion source. The point electrode comprises a counter electrode, which is earthed. The conduit is a hollow parallelepiped and the two dimensional surface electrode is adapted as a plurality of single polarity electrodes on one or more inner surfaces of the conduit.
 (62) Divided Out of 540622



(21) 568689 (22) 29 May 2008 (23) 29 May 2009
 (54) Supercritical carbon dioxide extraction from Aciphylla plant material
 (51) IP2009.01:A61K8/97
 (71) INDUSTRIAL RESEARCH LIMITED; MICHAEL PINCKNEY ELLESMERE-SLY
 (72) Ellesmere-sly, Michael Pinckney; Catchpole, Owen John; Weston, Roderick James;
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) The technique of near critical extraction, in particular extraction of resins using supercritical carbon dioxide, is applied to plant material of the genus Aciphylla, about 40 species of mountain spear grass such as A. aurea (Golden Spaniard), A. squarrosa (Common Spaniard), and A. colensoi. Maori name Taramea or Karamea. The chopped up plant material is contacted with near critical fluid to produce a near critical fluid phase in which the extract is dissolved, and the near critical fluid phase with dissolved extract is separated from the plant material and subject to a reduced pressure to recover the extract or extracts.

(21) 568764 (22) 15 Nov 2001
 (54) Synergistic combinations comprising a renin inhibitor and an aldosterone synthase inhibitor
 (51) IP2009.01:A61K31/165; A61K45/00; A61P9/00
 (71) Novartis AG
 (72) Hewitt, William; Vasella, Daniel Lucius; Webb, Randy Lee;
 (31) 00 0028151 (32) 17 Nov 2000 (33) GB
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is a pharmaceutical composition comprising the rennin inhibitor of formula (I), an aldosterone synthase inhibitor and a carrier. The composition is useful for the prevention or treatment of diseases such as hypertension, congestive heart failure, renal failure, restenosis after percutaneous transluminal angioplasty, and restenosis after coronary artery bypass surgery; atherosclerosis, insulin resistance and syndrome X, diabetes mellitus type 2, obesity, nephropathy, renal failure, hypothyroidism, survival post myocardial infarction (MI), coronary heart diseases, hypertension in the elderly, familial dyslipidemic hypertension, increase of formation of collagen, fibrosis, remodelling following hypertension, endothelial dysfunction with or without hypertension, hyperlipidemia, hyperlipoproteinemia, atherosclerosis and hypercholesterolemia and glaucoma. Also disclosed is the use of combinations of the above described compounds in the manufacture of a medicament and kits comprising them.

Divisional filed as 579449



(21) 568775 (22) 3 Jun 2008
 (54) Microbicidal composition comprising N-methyl-1,2-benzisothiazolin-3-one or MBIT and tebuconazole
 (51) IP2009.01:A01N43/80; A01N33/08; A01N31/02; A01N43/653
 (71) ROHM AND HAAS COMPANY
 (72) Ashmore, John William; El A'mma, Beverly Jean; Heer, Beat; Pareek, Kiran;
 (31) 07936564 (32) 21 Jun 2007 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a synergistic microbicidal composition comprising N-methyl-1,2-benzisothiazolin-3-one or MBIT and tebuconazole, wherein the ratio of tebuconazole to MBIT is from 1:0.2727 to 1:46.
 Divisional filed as 579799

(21) 568782 (22) 3 Jun 2008

(54) Pipe coupler with matching spherical configurations allowing pivoting and rotation

(51) IP2009.01:F16L27/04,047,073; F16L47/18

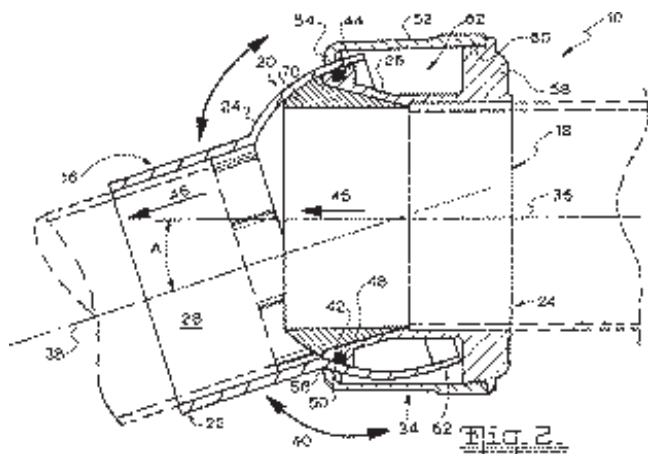
(71) Plastec Australia Pty Ltd

(72) Hobbs, Andrew;

(31) 2007902964 (32) 1 Jun 2007 (33) AU

(74) P L BERRY & ASSOCIATES, AEQ Building, 61 Cambridge Terrace, Christchurch 8013, New Zealand

(57) A preassembled swivel joint coupler in the form of a single unit for coupling two conduits to each other in flow communication includes an open ended male tubular member 18 and an open ended female tubular member 16, each of which has a joint end and a conduit connection end and an axial flow path extending between the ends and a jointing arrangement for connecting the joint ends of the male and female tubular members to each other in a way that permits angular and rotational movement of the members relative to each other with their flow paths being in flow communication with each other. The jointing arrangement includes a coaxial socket formation 24 projecting coaxially from the female tubular member 16 defining a radially inwardly directed socket sliding surface, and a coaxial spigot formation 26 projecting from the joint end of the male tubular member 18 that is received within the socket formation and defines an outwardly directed spigot 44 sliding surface for sliding over the inwardly directed socket sliding surface, and a sealing arrangement including a seal member 42 mounted on the spigot formation and moving relative to the socket formation for sealing the spigot formation to the socket formation. The coupler includes a fixing arrangement 34 for fixing the male and female tubular members to each other in such a way that permits them to undergo angular and rotational movement relative to each other in use.



(21) 568920 (22) 6 Jun 2008

(54) Steerable stylet for heart tissue operation catheter

(51) IP2009.01:A61M25/092

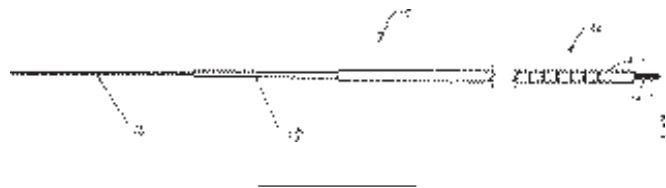
(71) CathRx Pty Ltd

(72) Anderson, Neil Lawrence; Ogle, David;

(31) 07 934736 (32) 15 Jun 2007 (33) US

(74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia

(57) A deflectable stylet 10 for a catheter includes an elongate deflectable member 12 with a bend-enhancing region 20 defined at a distal part of the deflectable member 12. An actuator 16 has a distal end 16.1 fast with a distal end 12.1 of the deflectable member 12, relative displacement between the actuator 16 and the deflectable member 12 causing deflection of the distal part of the deflectable member 12 at the bend enhancing region 20. A control member 18 is displaceably arranged relative to the deflectable member 12, the control member 18 interacting with the bend-enhancing region 20 of the deflectable member 12 for controlling the extent of deflection of the distal part of the deflectable member 12.



(21) 568974 (22) 9 Jun 2008

(54) Enteric-coated glucosinolates and beta-thioglucosidases

(51) IP2009.01:A61K9/28,48,50; A61K31/70; A61K38/43,47; A61K35/78

(71) Kraft Foods Global Brands LLC

(72) West, Leslie George; Windsor, Nicole Lee; Gaonkar, Anilkumar Ganapati; Matusheski, Nathan V; Kim, Nam-Cheol; Ludwig, Cathy Jean; Lawrence, Leslie Lewis;

(31) 07 761843 (32) 12 Jun 2007 (33) US

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a non-therapeutic method of converting glucosinolate to isothiocyanate in the small intestine comprising orally administering to a subject an enteric-coated chemoprotectant precursor composition, said method comprising:

- (1) enteric-coated beta-thioglucosidase particles; and
- (2) enteric-coated glucosinolate particles,

wherein beta-thioglucosidase and glucosinolate are released from the enteric-coated beta-thioglucosidase particles and enteric-coated glucosinolate particles, respectively, in the small intestine where beta-thioglucosidase converts glucosinolate to isothiocyanate.

Also disclosed is a non-therapeutic method of converting glucosinolate to isothiocyanate in the small intestine comprising orally administering to a subject an enteric-coated capsule containing a chemoprotectant precursor composition comprising:

- (1) beta-thioglucosidase particles; and
- (2) glucosinolate particles,

wherein beta-thioglucosidase and glucosinolate are released from the beta-thioglucosidase particles and glucosinolate particles, respectively, in the small intestine where beta-thioglucosidase converts glucosinolate to isothiocyanate.

Also disclosed is an enteric-coated chemoprotectant precursor composition comprising:

- (1) about 0.5 to about 50 weight percent of glucosinolate particles;
- (2) about 0.5 to about 50 weight percent of beta-thioglucosidase particles; and
- (3) about 1 to about 99 weight percent of a composition comprising a coating excipient and optionally a diluent, wherein the glucosinolate or beta-thioglucosidase particles is encapsulated with an enteric coating.

Also disclosed is an enteric-coated capsule comprising a chemoprotectant precursor mixture, the chemoprotectant mixture comprising uncoated beta-thioglucosidase particles and uncoated glucosinolate particles in a ratio of about 1:100 to about 100:1, wherein the mixture is contained within an enteric-coated capsule.

(21) 569049 (22) 22 Apr 2004

(54) Inflatable intervertebral disc replacement prosthesis

(51) IP2009.01:A61F2/44

(71) LOUBERT SUDDABY

(72) Suddaby, Loubert;

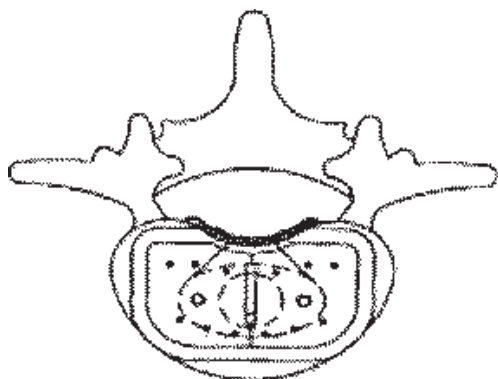
(31) 03 420803 (32) 23 Apr 2003 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) An intervertebral disc replacement prosthesis comprising at least one chamber which can be inflated to conform to various intervertebral spaces.

The prosthesis comprises a pair of rigid end plates on opposite sides of the chamber, each having a generally convex surface adapted to engage a respective cranial or caudal surface of neighbouring vertebrae.

(62) Divided Out of 543215



(21) 569084 (22) 12 Jun 2008
 (54) Aqueous polymeric coating composition with improved repaintability during drying
 (51) IP2009.01:C09D131/02; C09D133/06,08,10,12
 (71) ROHM AND HAAS COMPANY
 (72) Koller, Ann Denise; Lauer, Rosemarie Palmer; Blankenship, Robert Mitchell; Devonport, Wayne;
 (31) 07 290825 (32) 29 Jun 2007 (33) EP
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) An aqueous polymeric composition is disclosed, which comprises: an aqueous emulsion polymer formed by an addition polymerization emulsion polymerization process comprising, as copolymerized units, from 5% to 20%, by weight based on the weight of said polymer, carbonyl-functional ethylenically-unsaturated monomer, and an autoxidizable material selected from the group consisting of drying oils; drying oil fatty acids; esters of drying oil fatty acids; and alkoxyated derivatives thereof, and having less than 10% by weight based on the weight of fatty acid residues therein, tri-unsaturated fatty acid residues; wherein said autoxidizable material is from 8% to 35% of the total weight of said polymer and said autoxidizable material; and wherein said polymeric composition is free from copolymerized carbonyl-functional-monomer-reactive amine and hydrazine functional groups. An aqueous coating composition including the aqueous polymeric composition, a method for improving the repaintability of an aqueous coating during drying, and a method for providing a coating are also disclosed.

(21) 569247 (22) 7 Feb 2006 (23) 7 Feb 2007
 (54) Message centre call handling
 (51) IP2009.01:H04M3/50,493; H04L12/06,54; H04M11/04
 (71) Data Health Systems Limited
 (72) Smith, Bryan Leslie;
 (74) PIPERS, Level 1, 5A Pacific Rise, Mt Wellington, Auckland, New Zealand

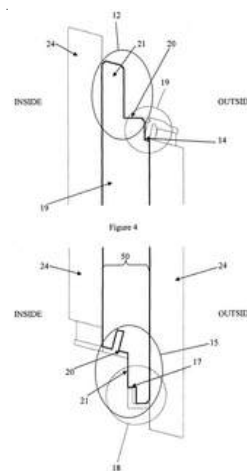
(57) A method of managing an SMS or MMS message call centre receiving incoming messages from callers comprises the separation of messages from other messages by call centre call weighting software on the basis of called number and/or content. The separated messages are made available to operators by the call centre call weighting software on the basis of the called number and/or content. The method further comprises the further separation of messages by the call centre call weighting software on the basis of the operator last responding to a message from a specific caller.

(62) Divided Out of 545149

(21) 569472 (22) 27 Jun 2008
 (54) A louvre blade system
 (51) IP2009.01:E06B7/084,098
 (71) Breezway Australia (Holdings) Pty Ltd
 (72) Coppo, Edward;
 (31) 07 903519 (32) 29 Jun 2007 (33) AU

(74) CULLEN & CO, Level 32, 239 George Street, Brisbane, QLD 4001, Australia

(57) The clips 24 to hold the ends 50 of louver blades of a louver system have a U-shaped portion 18 at the bottom end to receive the bottom edge tongue 21 of a louver blade and a deformable blade retention portion 14 near the top end that is adapted to be deformed as the blade passes the deformable clip portion into the clip from bottom to top along the width of the blade and upon insertion of the bottom edge tongue of the blade into the U-shaped portion engages a rebated portion at the top edge of the blade to retain the blade in the clip. When the louvers are closed the bottom edge tongue of a higher blade overlaps the top edge rebate 20 of the next lower blade.



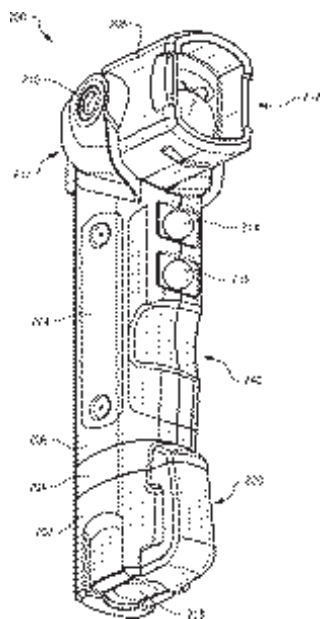
(21) 569655 (22) 8 Jul 2008
 (54) Pasteurization alternative for blackcurrent pomace, juice and powder
 (51) IP2009.01:A23L1/212; A23B7/02,14; A23L2/10,39
 (71) Ross G Fry; Janice B Fry; Neil S Boyd
 (72) Fry, Ross G; Fry, Janice B; Boyd, Neil S;
 (31) 07 895413 (32) 24 Aug 2007 (33) US
 (74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia

(57) Disclosed is a method for manufacturing a fruit powder, comprising: drying a fruit pomace with an air, vacuum, or freeze dryer, keeping temperatures under 45°C (113°F); spraying said dried fruit pomace with alcohol, such that all pulp surfaces are contacted for 1-5 minutes; vacuum evaporating said alcohol to remove it from said fruit pomace; recovering the alcohol that was evaporated for repeated use; and reducing said fruit pomace to a powder.

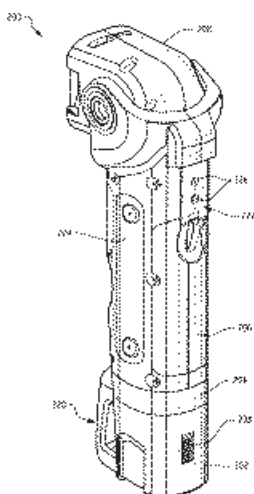
(21) 569708 (22) 20 Nov 2007
 (54) A swivel head flashlight
 (51) IP2009.01:F21V23/00; H05B37/02; F21V3/04; F21L4/00,02,04
 (71) Eveready Battery Company, Inc.
 (72) Osiecki, Scott W; Kingston, Ronald J; Ferguson, Mark A; Spartano, David A; Gardner, Joseph P; Sanders, Michael; Crawford, John D; Au, Kang Woo; Lam, W K;
 (31) 06 637258 (32) 11 Dec 2006 (33) US
 (74) JAMES & WELLS, Level 2, Regency House, 1 Elizabeth Street, Tauranga, New Zealand

(57) A handheld flashlight (200) having a body (206) with a hand grip (240), and a swivel head (208) coupled to an end of the body is disclosed. The swivel head has a light housing (212) with a plurality of light sources, and the flashlight has a plurality of switches (214, 216, 218) that select operation of the plurality of light sources.

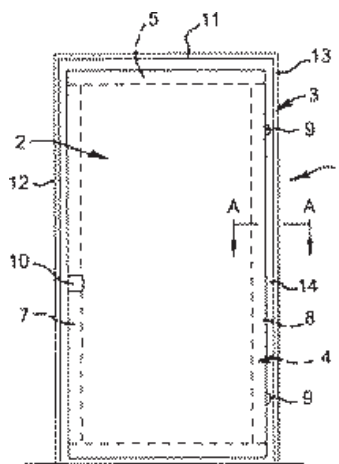
(62) Divided Out of 563575



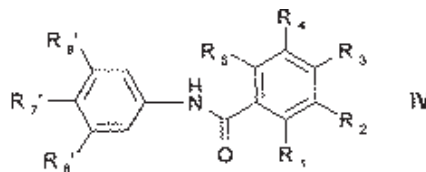
(21) 569709 (22) 20 Nov 2007
 (54) A method of operating a multi-mode flashlight
 (51) IP2009.01:F21V3/00; H05B37/02; F21V3/04; F21L4/00,02
 (71) Eveready Battery Company, Inc.
 (72) Osiecki, Scott W; Kingston, Ronald J; Ferguson, Mark A; Spartano, David A; Gardner, Joseph P; Sanders, Michael; Crawford, John D; Au, Kang Woo; Lam, W K;
 (31) 06 637258 (32) 11 Dec 2006 (33) US
 (74) JAMES & WELLS, Level 2, Regency House, 1 Elizabeth Street, Tauranga, New Zealand
 (57) A lighting device, particularly a flashlight (200), that has an infrared light source and one or more further light sources, and methods for operating the light device, are disclosed. The device has two or more modes of operation selectable by operation of two or more switches. The infrared light source has a dedicated operating switch (204), with a latch (248) able to selectively enable or inhibit operation of the infrared light switch.
 (62) Divided Out of 563575

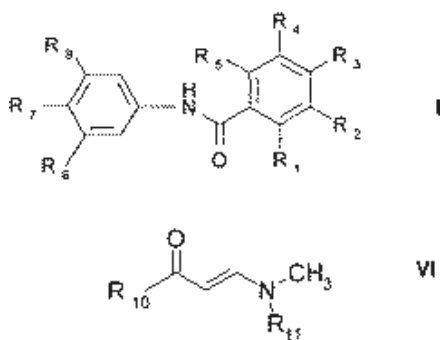


(21) 569720 (22) 9 Jul 2008
 (54) A fire resistant door and door set
 (51) IP2009.01:C09K21/14; E06B5/16
 (71) ASSA ABLOY Australia Pty Limited
 (72) Coutts, Bob;
 (31) 07 903726 (32) 10 Jul 2007 (33) AU
 (74) PHILLIPS ORMONDE FITZPATRICK, 367 Collins Street, Melbourne, Victoria 3000, Australia
 (57) A fire retardant door set (1) including a door (2) located in an opening defined by a jamb (3). The door includes a frame (4) formed from framing elements including a top rail (5), a bottom rail (6), a lock style (7) and an in-style (8). The top rail, bottom rail, lock style and in-style are a manufactured composition combining cellulose material, intumescent material and a binder so that when the frame is heated each element expands at the edges of the door to engage a jamb.



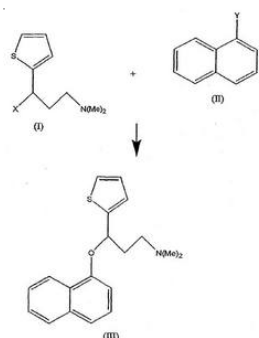
(21) 569731 (22) 6 Feb 2003
 (54) N-phenyl-2-pyrimidine-amine derivatives
 (51) IP2009.01:C07D295/12; C07C233/80; C07D401/04; C07C237/40
 (71) Novartis AG
 (72) Loiseleur, Olivier; Kaufmann, Daniel; Abel, Stephan; Buerger, Hans Michael; Meisenbach, Mark; Schmitz, Beat; Sedelmeier, Gottfried;
 (31) 02 0202873 (32) 7 Feb 2002 (33) GB
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) Disclosed is a process for the preparation of an amide of formula IV, wherein: R1, R2, R4 and R5 are all hydrogen, R3 is (4-methyl-piperazinyl)-methyl, R6', is 4-(3-pyridyl)-2-pyrimidinamino, R7' is methyl and R8, is hydrogen, or a pharmaceutically acceptable salt or crystal form thereof, by reacting the amide of formula I, wherein: R1 to R5 are as defined above, R6 is -NHC(NH)NH2, R7 is methyl and R8 is hydrogen; with a compound of formula VI, wherein R10 is 3-pyridyl and R11 is hydrogen or lower alkyl.
 (62) Divided Out of 552636



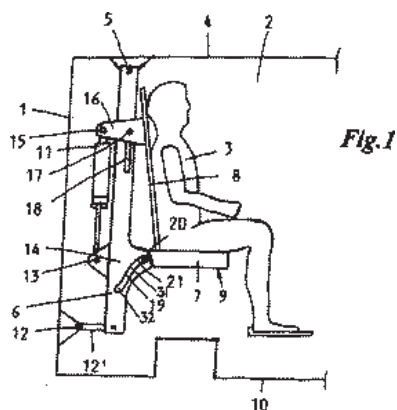


(21) 569852 (22) 16 Jul 2008
 (54) Method for decorating surfaces by welded a film to a shaped article by using laser radiation
 (51) IP2009.01:B29C65/14,16,50
 (71) Evonik Degussa GmbH
 (72) Wielputz, Martin; Baumann, Franz-Erich; Kuhmann, Karl; Monsheimer, Sylvia; Goring, Rainer;
 (31) 07 038578 (32) 16 Aug 2007 (33) DE
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A method for the production of a film-coated shaped article is disclosed, in which at least a portion of a surface of the shaped article is welded to a film by using laser radiation; the film has a thickness of between 10 micrometer and 2000 micrometer; and the film or an outward-directed layer of the film includes a moulding material based on semicrystalline polyamide, fluoropolymer, polyester or polyolefin.

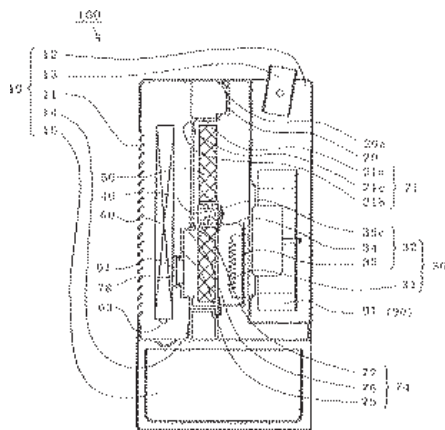
(21) 569874 (22) 10 Dec 2003
 (54) A process for preparing enantiomerically pure N-methyl-gamma-(1-naphthalenyloxy)-2-thiophenepropanamine and intermediates for use therein
 (51) IP2009.01:C07D333/20; A61K31/381; A61P25/24; C07D333/16
 (71) CIPLA LTD
 (72) Rao, Dharmaraj Ramachandra; Kankan, Rajendra Narayanrao;
 (31) 02 0229583 (32) 19 Dec 2002 (33) GB
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a process for making (+)duloxetine or an acid addition salt thereof, comprising reacting intermediate compounds of formulae (I) and (II) so as to yield a compound of formula (III), or an acid addition salt thereof; in the presence of a base and a phase transfer catalyst, where one of X and Y is hydroxy and the other is a leaving group, and subjecting a compound of formula (III), or an acid addition salt thereof, to further process steps so as to yield (+) duloxetine, or an acid addition salt thereof, substantially free of (-)duloxetine.
 (62) Divided Out of 540881



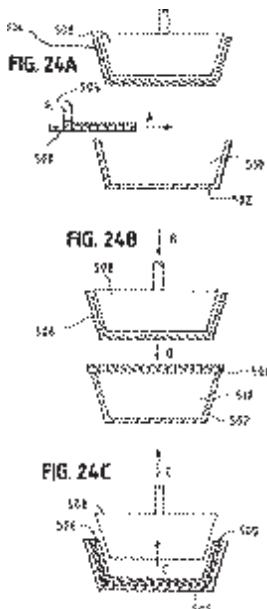
(21) 569995 (22) 23 Jul 2008
 (54) Protection system
 (51) IP2009.01:B60N2/42
 (71) Mowag GmbH
 (72) List, Hans-Jorg; Fehr, Uwe; Keller, Kai-Uwe; Bieniek, Michael;
 (31) 07 1282 (32) 13 Aug 2007 (33) CH
 (74) P L BERRY & ASSOCIATES, AEQ Building, 61 Cambridge Terrace, Christchurch 8013, New Zealand
 (57) A protection system to reduce the effect of a vertical acceleration triggered by a landmine on the passengers supported in a cabin (2) of an armoured vehicle is disclosed. For this, a receiving unit consisting of a seat body (7) and a backrest (8) is movably supported by two guides (18, 19) in a carrying frame (6) which is parallel to a sidewall (1) of the cabin of the vehicle and pivotally connected (5, 12) to a sidewall and the roof structure (4) of the cabin, and is coupled to a longitudinally-variable damping device (11) which is fixed at its lower end via a hinge (13) to a lower area (14) of the carrying frame while its upper movable end is connected with a hinge (15) to a bracket (16) carrying the seat (9), so that a sufficient vertical acceleration of the cabin induces both a downward movement and a tilting movement of the receiving unit (together with a passenger (3)) relative to the vehicle.



(21) 570031 (22) 24 Jul 2008
 (54) Dehumidifier with a regenerative condenser
 (51) IP2009.01:B01D53/26; F24F3/14
 (71) MITSUBISHI ELECTRIC CORPORATION; MITSUBISHI ELECTRIC HOME APPLIANCE CO., LTD.
 (72) Ishikawa, Toshio; Kuge, Yousuke; Shibata, Hideo;
 (31) 08 065263 (32) 14 Mar 2008 (33) JP
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) A dehumidifier including: a main body case (10) having air intake and discharge ports (11, 12); a frame (20) fixed in the main body case and having an opening portion (21); a heater unit (30) fixed on the frame and covering a portion of the opening portion; a shaft supporting means (40) fixed to the heater unit; a dehumidifying rotor (50) rotatable on the shaft supporting means and covering the entire surface of the opening portion; a regenerative air condenser (60) for condensing moisture contained in regenerative air into water, the regenerative air having been heated by the heater unit and having passed through a portion of the dehumidifying rotor; a regenerative air circulating means (70) forming a regenerative air circulating air flow passage, which starts from and returns to the heater unit, passing through a portion of the dehumidifying rotor and the regenerative air condenser; a rotor rotating means (80) fixed on the frame for rotating the dehumidifying rotor; and a dehumidified air blowing means (90) forming a dehumidified air flow passage from the air intake port to the air discharge port, passing through a portion of the dehumidifying rotor.



(21) 570272 (22) 5 Aug 2008
 (54) Forming shielding layer into microwaveable food container
 (51) IP2009.01:B65D81/34
 (71) Kraft Foods Holdings, Inc.
 (72) Maslowski, Albert Vincent; Scarola, Leonard S;
 (31) 07 836608 (32) 9 Aug 2007 (33) US
 (74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) To form a food container having shielding for use in microwave cooking, a substrate 500 having shielding over at least part of its area is aligned with a cavity 502 and a pre-formed food container 506 (mounted on plunger 508) is then inserted into the cavity wherein it is adhered to the substrate. An alternative method involves aligning the substrate having the shielding with a plunger, inserting the pre-formed food container into a cavity and directing the plunger with the substrate between the pre-formed food container and the plunger into the pre-formed food container to adhere the substrate to the food container.



(21) 570307 (22) 6 Aug 2008 (23) 5 Aug 2009
 (54) A game
 (51) IP2009.01:A63F3/04
 (71) Florence Joan Hassall
 (72) Hassall, Florence Joan;
 (74) Allen & Associates, 1/259 Tamaki Drive, Kohimarama, Auckland 1071, New Zealand
 (57) A game is provided, which includes:
 a) a display or surface depicting a map of part or all of the world, which is broken up into two or more distinct regions, each of which being provided with a home base for a player,
 b) travelling routes depicted on the display or surface connecting the two or more regions and/or home bases,
 c) a marker for each player which is able to travel along the travelling routes,
 d) a first random probability means for determining the allowable extent of movement of a player's marker along the travelling routes,
 e) a second random probability means for determining whether an action is to be undertaken by a player, and if so, the action being based on, or provided in relation to, a historical event, and
 f) a commodity associated with each of the regions.

The arrangement and construction is such that each player is encouraged to maximise the amount and/or value of their total commodities (obtained from any region), according to the rules and variants of the game substantially as described herein, whereby the winner of the game is determined to be the player with the highest number and/or value of total commodities at the end of the game.

(21) 570601 (22) 18 Aug 2008
 (54) Assay device with shared zones
 (51) IP2009.01:G01N33/53,558,543
 (71) INVERNESS MEDICAL SWITZERLAND GmbH
 (72) Sharrock, Stephen Paul;
 (31) 07 0717045 (32) 1 Sep 2007 (33) GB
 (31) 08 0809994 (32) 31 May 2008 (33) GB
 (31) 07 991543 (32) 30 Nov 2007 (33) US
 (74) HOULIHAN2, Level 1, 70 Doncaster Road, Balwyn North, Victoria 3104, Australia
 (57) Disclosed is an assay device for determining the presence and/or extent of one or more analytes in a liquid sample comprising:
 a) first and second assays each comprising a flow-path having a detection zone for immobilizing a labelled binding reagent, wherein detection of a labelled binding reagent at one or both detection zones is indicative of the presence and/or extent of one or more analytes;
 b) a shared reference zone;
 c) one or more light sources to illuminate the detection zones and the reference zone;
 d) one or more photodetectors to detect light from the detection zones and the reference zone, which photodetector/s generate a signal, the magnitude of which signal is related to the amount of light detected; and
 e) signal processing means for processing signals from the photodetector/s.

(21) 570811 (22) 30 Oct 2003
 (54) T cell receptor display
 (86) (87) WO2004/044004
 (51) IP2009.01:C07K14/725; C12N15/10; C12N7/00; A61K38/00
 (71) IMMUNOCORE LIMITED
 (72) Jacobsen, Bent Karsten; Andersen, Torben Bent; Molloy, Peter Eamon; Li, Yi; Boulter, Jonathan Michael;
 (31) 02 0226227 (32) 9 Nov 2002 (33) GB
 (31) 03 0301814 (32) 25 Jan 2003 (33) GB
 (31) 03 0304067 (32) 22 Feb 2003 (33) GB
 (31) 03 463046 (32) 16 Apr 2003 (33) US
 (31) 03 0311397 (32) 16 May 2003 (33) GB
 (31) 03 0316356 (32) 11 Jul 2003 (33) GB
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Provided is a phage particle displaying on its surface a dimeric T-cell receptor (dTCR) polypeptide pair, the said dTCR polypeptide pair being constituted by a first polypeptide wherein a TCR alpha chain variable domain sequence is fused to the N terminus of a TCR alpha chain constant domain extracellular sequence, and a second polypeptide wherein a TCR beta chain variable domain sequence is fused to the N terminus of a TCR beta chain constant domain extracellular sequence, the first and second polypeptides being linked by a disulfide bond which is in a position equivalent to that of the native interchain disulfide bond found in native alpha beta T cell receptors.

(62) Divided Out of 539226

(21) 572792 (22) 5 Jul 2004

(54) Ventilator with removable gas pressure and measurement module

(51) IP2009.01:A61M16/00; A62B7/02

(71) SAIME

(72) Chalvignac, Philippe;

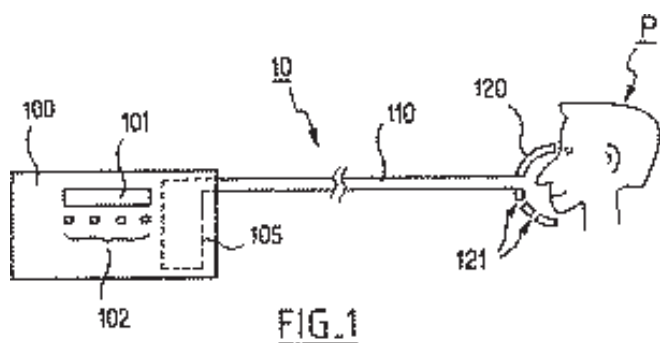
(31) 03 0308187 (32) 4 Jul 2003 (33) FR

(31) 03 495922 (32) 18 Aug 2003 (33) US

(74) JAMES & WELLS, Level 2, Regency House, 1 Elizabeth Street, Tauranga, New Zealand

(57) A breathing assistance device for a patient includes a console 100 integrating a central control unit 102 for operating the device, a ventilator 105 as a source of gas that is integrated into a module 105 that is physically and removably connected to the console, and a breathing connection 110, 120 for allowing the patient to receive the gas from the ventilator. The ventilator module includes at least one sensor for acquiring a parameter such as the gas pressure representative of the operation of the device.

(62) Divided Out of 545036



(21) 573604 (22) 5 Nov 2003

(54) Coated breakfast cereals that change colour

(51) IP2009.01:A23L1/164,18,168,275

(71) Nestec S.A.

(72) Hoitink, Robertus; Guex, Claude; Voisin, Isabelle;

(31) 02 024760 (32) 6 Nov 2002 (33) EP

(74) BALDWINS INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) Disclosed is a cereal-based product that changes or loses colour upon the addition of an aqueous liquid, the product comprising; a cereal base having the form of spherical balls; at least one outer coating providing a dissolvable colour, which is quickly or easily dissolvable in an aqueous liquid; and an inner coating between the cereal base and the at least one outer coating, the inner coating being a sugar syrup comprising 60-80% sugar and 20-40% water and the weight ratio of cereal base to syrup of the inner coating is in the range 1:1 to 3:1. Also disclosed is a process for obtaining a cereal-based product comprising coating a cereal base with an inner coating as described above, drying the coated breakfast cereal to a water content below 10 wt%; and coating the coated breakfast cereal with an outer coating, which is quickly dissolvable in an aqueous liquid.

(62) Divided Out of 540374

(21) 573652 (22) 3 Aug 2004

(54) Methods for treating cardiovascular disease using a soluble CTLA4 molecule

(51) IP2009.01:A61P9/10; A61K38/17; A61K39/395

(71) BRISTOL-MYERS SQUIBB COMPANY

(72) Rusnak, James;

(31) 03 492430 (32) 4 Aug 2003 (33) US

(74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand

(57) Discloses the use of a soluble CTLA4 mutant molecule for use as a pharmaceutical for treating a cardiovascular disease, wherein the cardiovascular disease is selected from the group consisting of: atherosclerosis; coronary heart disease (CHO); restenosis; peripheral arterial disease; coronary bypass grafting surgery; carotid artery disease; arteritis; 15 myocarditis; unstable angina (VA); unstable refractory angina; stable angina (SA); chronic stable angina; acute coronary syndrome (ACS); myocardial infarction; acute myocardial infarction (AMI), including first or recurrent myocardial infarction, non-Q wave myocardial infarction, non-ST-segment elevation myocardial infarction and ST segment elevation myocardial infarction. The disclosed CTLA4 mutant molecule comprises an extracellular domain of a CTLA4 molecule, which binds a B7-1 or B7-2 antigen expressed on activated B cells.

(62) Divided Out of 545314

(21) 573715 (22) 18 Dec 2008

(54) A multi part cable terminal lug

(51) IP2009.01:H01R4/18; H01R11/12; H01R4/00

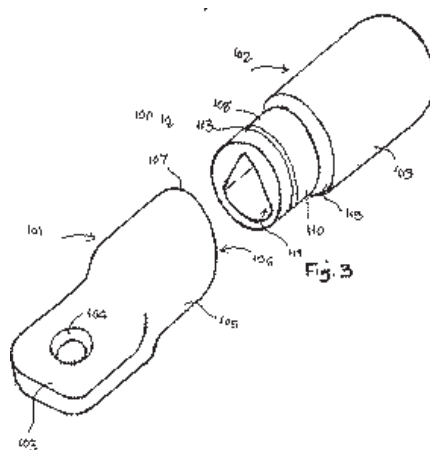
(71) Cable Accessories (Australia) Pty. Ltd.

(72) Ogden, Bruce James;

(31) 07907066 (32) 21 Dec 2007 (33) AU

(74) SPRUSON & FERGUSON, St Martins Tower, Level 35, 31 Market Street, Sydney, New South Wales 2000, Australia

(57) A cable terminal lug comprising an electrically conductive first section 101 having a leading palm portion 103 with a mounting aperture extending there through and a trailing first barrel portion 105, the first barrel portion 105 defining a substantially cylindrical cavity 107 and being deformable by crimping, and an electrically conductive second section 102 having a leading second barrel portion 108 and a trailing third barrel portion 109 coaxially extending from, and fixed in relation to, the second barrel portion 108, the second barrel portion 108 being adapted to be received and retained in the cavity 107 so as to be rotatable within the cavity 107 with the third barrel portion 109 projecting beyond the cavity 107, the third barrel portion 109 having a diameter greater than a diameter of the second barrel portion 108, the third barrel portion 109 defining a tunnel for receipt of an electrical conductor, the second and third barrel portions 108 109 being deformable by crimping.

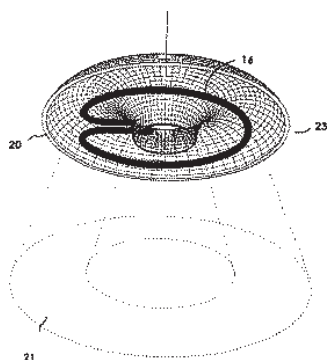


(21) 573815 (22) 5 Feb 2004

(54) Radiator apparatus

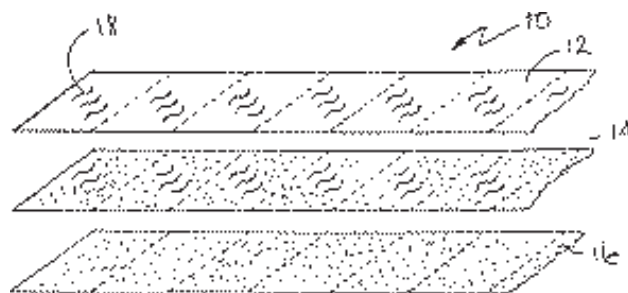
(51) IP2009.01:F24C7/06; H05B3/00; F24C7/04; F24H3/00

(71) Worldbest Corporation
 (72) Chan, Kam Ching Paul;
 (74) WATERMARK PATENT & TRADE MARK ATTORNEYS, Level 2, 302 Burwood Road, Hawthorn, Victoria 3122, Australia
 (57) A radiator comprising: a radiation member powered by an energy source; and a reflection member including an at least partially ring-shaped concave reflective surface facing the radiation member for distributing energy to an at least partially ring-shaped area.
 Divisional filed as 577479

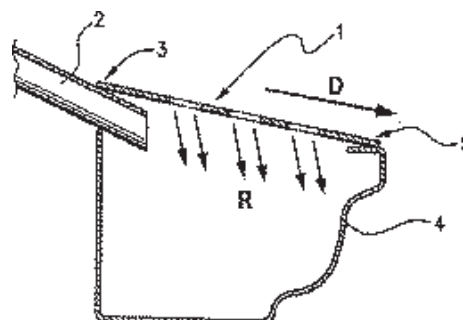


(21) 574218 (22) 4 Mar 2004
 (54) S-[2-[(1-iminoethyl)amino]ethyl]-2-methyl-L-cysteine maleate hydrochloride crystalline salt
 (51) IP2009.01:C07C323/59; C07C319/28; A61K31/198; A61P29/00
 (71) PHARMACIA CORPORATION
 (72) Sheikh, Ahmad; Brostrom, Lyle R; Czyzewski, Ann M; Zia, Wahid;
 (31) 03 453496 (32) 11 Mar 2003 (33) US
 (74) A J PARK, 6th Floor, Huddart Parker Building, 1 Post Office Square, Wellington 6011, New Zealand
 (57) Disclosed is a crystalline form of S-[(1-iminoethyl)amino]ethyl]-2-methyl-L-cysteine maleate hydrochloride characterized by at least one of : x-ray powder pattern as shown in Fig. 1; a loss of mass of about 1 percent over a range of temperature of about forty degrees Celsius to about one-hundred eighty degrees Celsius; Raman spectrum as shown in Fig. 5; and elemental analysis as in Table 1.
 Also disclosed is a method of making the above crystalline compound.
 (62) Divided Out of 541756

(21) 574751 (22) 9 Feb 2009
 (54) A toilet tissue and method of manufacture using three plies, where the first two layers are embossed and the last two layers are micro-embossed and all three layers are glued together
 (51) IP2009.01:A47K10/16; B31F1/07; B31D5/00; B31F5/04
 (71) ABC Tissue Products Pty Limited
 (72) Ngai, Henry;
 (74) F B RICE & CO, Level 23, 44 Market Street, Sydney, New South Wales 2000, Australia
 (57) A roll of three ply toilet tissue (10) is disclosed. The toilet tissue (10) comprises a plurality of sheets each sheet comprising an outer or top layer (12) of tissue paper to which a second central ply (14) is embossed (18). The second ply is micro-quilted prior to the embossing step. The bottom or third ply (16) is also micro-quilted. The outer layer (12) provides a relatively strong outer surface. The embossing of that top layer (12) to the central layer (14) traps air between the two layers and assists in the central micro-quilted layer (14) retaining its increased thickness. The third layer (16) adds further thickness to the sheet and is not embossed. The sheet (10) is thicker and softer than a conventional three ply tissue sheet.



(21) 574950 (22) 17 Feb 2009
 (54) Corrugated gutter shield with holes for water drainage
 (51) IP2009.01:E04D13/064; E04D5/12,08
 (71) John Nikolopoulos
 (72) Nikiolopoulos, John;
 (31) 08 900798 (32) 20 Feb 2008 (33) AU
 (74) HOULIHAN2, Level 1, 70 Doncaster Road, Balwyn North, Victoria 3104, Australia
 (57) A shield (1) for a gutter (4) is disclosed. The shield is constructed from a malleable, corrugated material. The material may be aluminium. The shield includes a plurality of openings through which liquid may pass that substantially inhibit the passage of leaves, twigs and debris. The openings are located in valleys of the corrugated material. The shield may be used in a gutter guard system where the shield is first shaped to match the contour of a roof then affixed to the roof (2) at one side of the shield and the gutter on the other (5) with the valleys running from the roof to the gutter.



(21) 575268 (22) 3 Mar 2009
 (54) Post Harvest Treatment of Fruit
 (51) IP2009.01:A01N59/26; A01N3/00; A23L3/3454; A23B7/157
 (71) Plant Protectants, LLC
 (72) Grech, Nigel M.;
 (31) 61/034,881 (32) 7 Mar 2008 (33) US
 (74) CULLEN & CO, Level 32, 239 George Street, Brisbane, QLD 4001, Australia
 (57) Disclosed is a composition comprising: a sorbic acid source selected from sorbic acid, an alkali metal salt of sorbic acid, or a combination thereof; and a phosphorous acid source selected from phosphorous acid, an alkali metal salt of phosphorous acid, or a combination thereof; wherein said composition is provided in a solid state or as a solution. Also disclosed is a method of protecting a fruit, a vegetable or an ornamental against post harvest microbial spoilage by applying the composition as stated in the specification.

(21) 575512 (22) 3 Jul 2006
 (54) Heteroaryl benzamide derivatives for use as GLK activators in the treatment of diabetes
 (51) IP2009.01:C07D417/14; C07D413/14; A61K31/44; C07D405/14; C07D401/14; C07D403/14; A61P3/04,06

(71) AstraZeneca AB
 (72) McKerrecher, Darren; Pike, Kurt Gordon; Waring, Michael James;
 (31) 05 0514173 (32) 9 Jul 2005 (33) GB
 (31) 05 0516297 (32) 9 Aug 2005 (33) GB
 (31) 05 0523862 (32) 24 Nov 2005 (33) GB
 (31) 05 0524589 (32) 2 Dec 2005 (33) GB
 (31) 06 0607977 (32) 22 Apr 2006 (33) GB
 (74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand
 (57) Disclosed is the compound 3-[[5-(azetidin-1-ylcarbonyl)pyrazin-2-yl]oxy]-5-[(1-methylethyl)oxy]-N-1H-pyrazol-3-ylbenzamide, or a salt thereof.

Also disclosed is the use of the above compound or a pharmaceutically-acceptable salt thereof, in the preparation of a medicament for treatment of a disease mediated through GLK such as type 2 diabetes.

(62) Divided Out of 564608

(21) 575513 (22) 3 Jul 2006
 (54) Heteroaryl benzamide derivatives for use as GLK activators in the treatment of diabetes
 (51) IP2009.01:C07D417/14; C07D413/14; A61K31/44; C07D405/14; C07D401/14; C07D403/14; A61P3/04,06

(71) AstraZeneca AB
 (72) McKerrecher, Darren; Pike, Kurt Gordon; Waring, Michael James;
 (31) 06 0607977 (32) 22 Apr 2006 (33) GB
 (31) 05 0524589 (32) 2 Dec 2005 (33) GB
 (31) 05 0523862 (32) 24 Nov 2005 (33) GB
 (31) 05 0516297 (32) 9 Aug 2005 (33) GB
 (31) 05 0514173 (32) 9 Jul 2005 (33) GB
 (74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand
 (57) Disclosed is the compound 3-[[5-(azetidin-1-ylcarbonyl)pyrazin-2-yl]oxy]-5-[(1S)-2-hydroxy-1-methylethyl]oxy)-N--(5-methylpyrazin-2-yl)benzamide, or a salt thereof.

Also disclosed is the use of the above compound or a pharmaceutically-acceptable salt thereof, in the preparation of a medicament for treatment of a disease mediated through GLK such as type 2 diabetes.

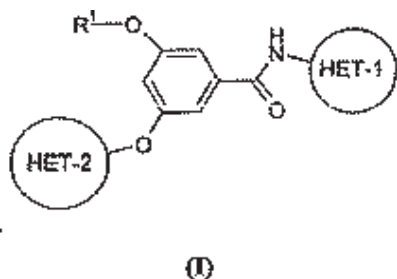
(62) Divided Out of 564608

(21) 575514 (22) 3 Jul 2006
 (54) Heteroaryl benzamide derivatives for use as GLK activators in the treatment of diabetes
 (51) IP2009.01:C07D417/14; C07D413/14; A61K31/44; C07D405/14; C07D401/14; C07D403/14; A61P3/04,06

(71) AstraZeneca AB
 (72) McKerrecher, Darren; Pike, Kurt Gordon; Waring, Michael James;
 (31) 06 0607977 (32) 22 Apr 2006 (33) GB
 (31) 05 0524589 (32) 2 Dec 2005 (33) GB
 (31) 05 0523862 (32) 24 Nov 2005 (33) GB
 (31) 05 0516297 (32) 9 Aug 2005 (33) GB
 (31) 05 0514173 (32) 9 Jul 2005 (33) GB
 (74) HENRY HUGHES, 119-125 Willis Street, Wellington, New Zealand
 (57) Disclosed is a compound of Formula (I) or a salt thereof wherein the substituents are disclosed within the specification.

Also disclosed is the use of the above compound or a pharmaceutically-acceptable salt thereof in the preparation of a medicament for treatment of a disease mediated through GLK such as type 2 diabetes.

(62) Divided Out of 564608

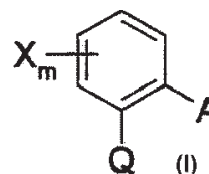


(21) 575749 (22) 5 Nov 2004
 (54) Mixtures comprising strobilurins and ethylene modulators
 (51) IP2009.01:A01N43/88,40; A01N37/40; A01N47/24; A01N61/00; A01N27/00; A01N59/16; A01N43/828; A01N37/36; A01N43/653; A01N33/04; A01N43/54; A01N37/42,50,44
 (71) BASF Aktiengesellschaft
 (72) Harden, John S; Westberg, Dan E; Zawierucha, Joseph E; Holt, Thomas J; Ypema, Hendrik; Bardinelli, Ted R; Everson, Albert C; Begliomini, Edson; Rademacher, Wilhelm;
 (31) 03 517883 (32) 7 Nov 2003 (33) US
 (74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwin's Centre, 342 Lambton Quay, Wellington 6011, New Zealand

(57) The disclosure relates to mixtures comprising a) a compound of the formula (I) wherein, X_m, Q and A are as defined in the specification and b) one or more ethylene modulators (II) selected from group consisting of inhibitors of ethylene biosynthesis which inhibit the conversion of S-adenosyl-L-methionine to 1-aminocyclopropane-1-carboxylic acid (ACC), inhibitors of ethylene biosynthesis which block the conversion of ACC into ethylene, or inhibitors of ethylene action.

Also disclosed are compositions comprising them and to their use of controlling fungal infection in legumes.

(62) Divided Out of 546939



(21) 577517 (22) 9 Jun 2009 (23) 14 Sep 2009
 (54) Wind turbine with shrouded multiblade helical rotor
 (51) IP2009.01:F03D1/00,04,06; F03D11/04

(71) Damien Crook
 (72) Crook, Damien Paul; Crook, David John;
 (74) Damien Crook, 145 Avenue Rd, Greenmeadows, Napier, New Zealand
 (57) A wind powered generator includes a circular tube duct 1 enclosing a four bladed helical impellor 11 with a fixed ratio of length to diameter and winding with a constant pitch around the impellor shaft 10. The diameter of the impellor shaft is expanded along its length from the input end to the exhaust end to form a hollow space adjacent the exhaust end which houses the electrical generator 9. The input shaft of the generator is coupled to the impellor shaft to transfer the rotational mechanical energy of the impellor to the generator. The generator is mounted via bearings 15, 16 at the top of a pole 19, the bearings being housed within a tear-drop fairing 13, 18, 20 which serves to "turn" the input end of duct and impellor into the wind. The generator is alleged to be efficient and to operate quietly.

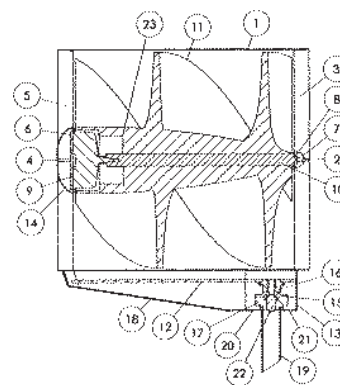
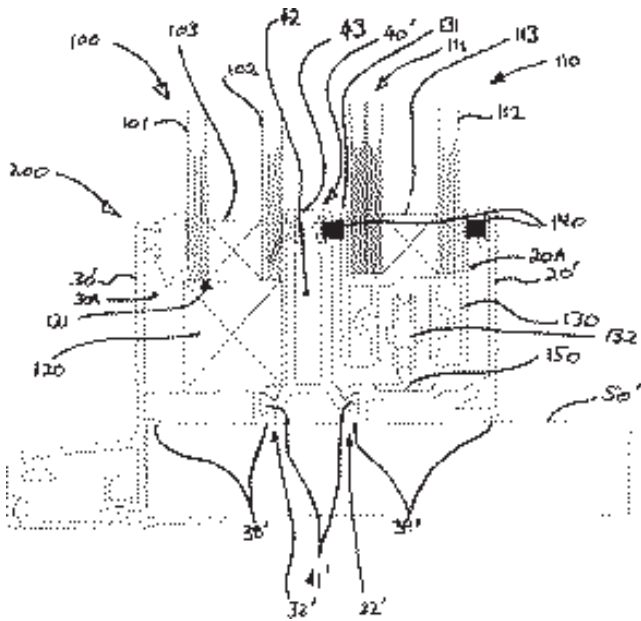


Fig 1.

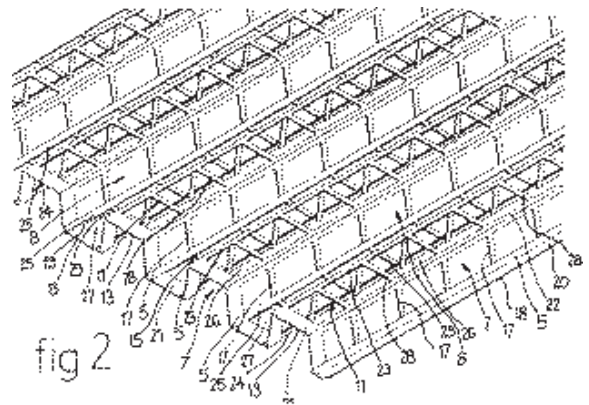
(21) 578146 (22) 18 Sep 2008
 (54) A thermally broken frame
 (51) IP2009.01:E06B3/26,263,273
 (71) Rylock Pty Ltd
 (72) Hawkins, Tamor Peter; Lohan, Leonard Edward;
 (31) 08 207556 (32) 26 Aug 2008 (33) AU
 (74) Freehills Patent & Trade Mark Attorneys, Level 43, 101 Collins Street, Melbourne, Victoria 3000, Australia
 (57) Disclosed is a frame for carrying at least two spaced apart panels, where one of the panels includes a panel frame at part of its periphery. The frame includes a first insulating member defined by an upstanding wall portion extending inwardly between the panels to thermally shield the panel frame. The first insulating member extends to or beyond an innermost extent of the panel frame.
 (62) Divided Out of 571332



(21) 578179 (22) 20 Apr 2005
 (54) Super-enhanced, adjustably buoyant floating island
 (51) IP2009.01:A01G31/06,00; A01G9/02; A01G31/04
 (71) Fountainhead, LLC
 (72) Kania, Bruce G; Stewart, Frank M; Smith, Russell F; Coleman, Thomas N; Cunningham, Alfred;
 (31) 04 574121 (32) 24 May 2004 (33) US
 (74) BALDWIN'S INTELLECTUAL PROPERTY, Level 14, Baldwins Centre, 342 Lambton Quay, Wellington 6011, New Zealand
 (57) A floating island comprising an upper section of relatively tightly packed nonwoven mesh (21) and a lower section of relatively loosely packed nonwoven mesh (22).
 (62) Divided Out of 551345



(21) 578251 (22) 8 Jul 2009
 (54) Gas flow support spacers for cartons stacked in a coolroom
 (51) IP2009.01:B65D19/24,32; B65D57/00; B65G1/14,20
 (71) Icon Plastics Pty Ltd
 (72) Bull, Royston Douglas;
 (31) 2008903568 (32) 11 Jul 2008 (33) AU
 (31) 2009902559 (32) 4 Jun 2009 (33) AU
 (74) WATERMARK PATENT & TRADE MARK ATTORNEYS, Level 2, 302 Burwood Road, Hawthorn, Victoria 3122, Australia
 (57) A support and gas flow panel member 10 for spacing stacked cartons in a coolstore is integrally formed by injection moulding from a plastic material and includes opposed support planes 12, 16 spaced apart by a uniform distance 9. Each support plane has a plurality of support sections 11, 15 spaced from one another in the respective support planes and being defined at least by a perimeter plastic material web 5, 6 with at least one internal gas flow opening 26, 27 within the perimeter web permitting gas flow transversely through the support sections. The support planes are interconnected across the uniform distance by a plurality of separate leg members 17. Each support section in a respective one of the support planes is disposed directly opposite an open zone 7, 8 in the other facing plane. The panel can be nested with other similarly formed panels in at least one and conveniently several different relative rotational positions.



(21) 578434 (22) 10 Sep 2008
 (54) SYSTEMS AND METHODS FOR PROVIDING GAMING ACTIVITIES
 (86) PCT/AU2008/001348 (87) WO2009/033222
 (51) IP2009.01:A63F3/06,08
 (71) SRG Enterprises Pty Limited
 (72) AMOUR, Marc;
 (31) 07 904938 (32) 10 Sep 2007 (33) AU
 (31) 08 100204 (32) 3 Mar 2008 (33) AU
 (31) 08 100206 (32) 3 Mar 2008 (33) AU
 (31) 08 100209 (32) 3 Mar 2008 (33) AU
 (31) 08 100207 (32) 3 Mar 2008 (33) AU
 (31) 08 100208 (32) 3 Mar 2008 (33) AU
 (31) 08 901580 (32) 2 Apr 2008 (33) AU
 (74) Shelston IP, Level 21, 60 Margaret Street, Sydney, NSW 2000, Australia
 (57) Disclosed is a method for providing gaming activities, particularly relating to gaming activities implemented in conjunction with a flexible credit arrangement. In overview, a consumer is allocated one or more entries in a gaming activity based on a level of transactable flexible credit held by that consumer. For example, the allocation of entries is increased or decreased subject to a corresponding increase or decrease in transactable flexible credit held by the consumer. In some embodiments, one or more prizes for the gaming activity are funded in whole, or in part, by way of supplementary contributions realized on the basis of consumers' participation in a flexible credit infrastructure.
 Divisional filed as 580285

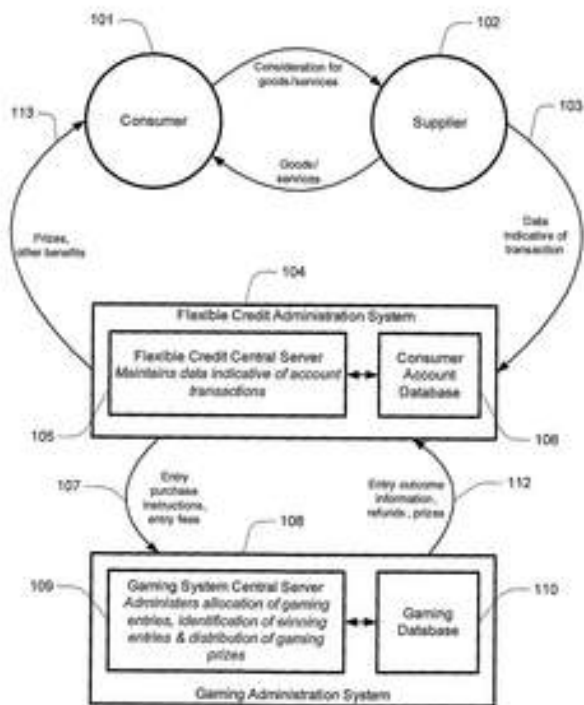
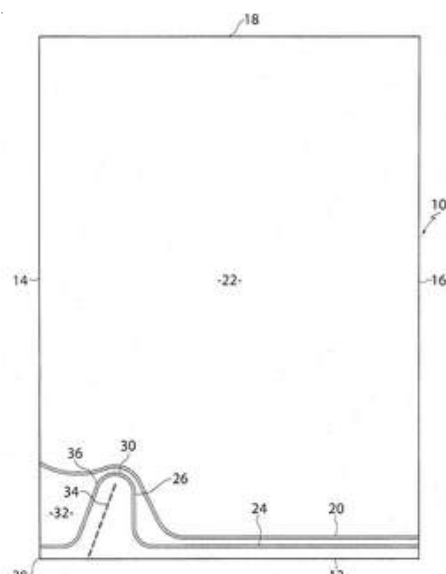
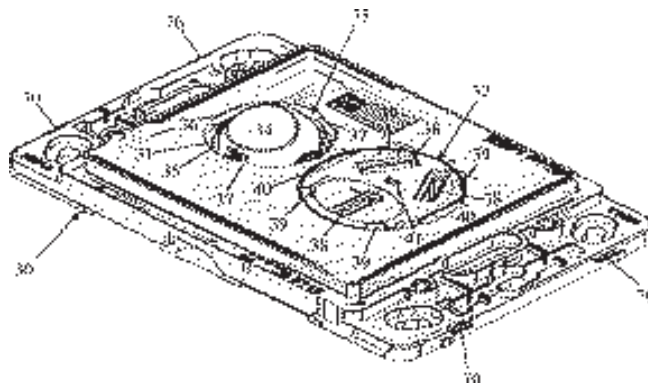


FIG. 1

- (21) 578477 (22) 17 Jul 2009
 (54) A bag of heat-shrinkable gas-barrier thermoplastic film
 (51) IP2009.01:B65D71/08; B65D30/02; B65D33/00
 (71) Cryovac Australia Pty Ltd
 (72) Smith, Adrian Maxwell William;
 (31) 08 903691 (32) 18 Jul 2008 (33) AU
 (74) DAVIES COLLISON CAVE - MELBOURNE, 1 Nicholson Street, Melbourne, Victoria, Australia
 (57) A bag 10 of a heat shrinkable, gas-barrier thermoplastic film for packaging at least one item, the bag 10 comprising a) a bottom edge 12, b) first and second side edges 14 16, c) an open mouth 18, d) a first seal 20 disposed adjacent the bottom edge 12 and connecting the first and second side edges 14 16, the first seal 20 defining an area between it, the first and second side edges 14 16 and the open mouth 18 for receiving the at least one item to be packaged, e) a second seal 24 disposed substantially along the bottom edge 12 or between the bottom edge 12 and the first seal 20 and connecting the first and second side edges 14 16, the second seal having a shaped portion adjacent a corner of the bag 10 defined by one of the first and second side edges 14 16 and the bottom edge 12 which projects towards the open mouth 18, the shaped portion having an apex 30 closest to the open mouth 18, f) a pre-cut 34 formed in the thermoplastic film and extending from the bottom edge 12 towards the apex 30 of the shaped portion of the second seal, wherein the first seal 20 extends from the other of the first and second side edges 14 16 across the bag 10 towards the shaped portion of the second seal 24 at a spacing from the bottom edge 12 less than the spacing of the apex 30 from the bottom edge 12 and around the shaped portion of the second seal 24 to the one of the first and second side edges 14 16, and wherein a manually graspable tab 32 is formed in an area of the thermoplastic film delimited by the one of the first and second side edges 14 16, the first and second seals 20 24 adjacent the one of the first and second side edges 14 16 and the shaped portion of the second seal 24.



- (21) 578760 (22) 31 Jul 2009
 (54) Switch plate with a button surround that can releasably mount a switch to a housing with a rotating locking means
 (51) IP2009.01:H01H9/02,08; H02B1/40
 (71) Hager Electro S.A.S.
 (72) Budden, Peter; Lee, John;
 (31) 2008904482 (32) 29 Aug 2008 (33) AU
 (74) CULLEN & CO, Level 32, 239 George Street, Brisbane, QLD 4001, Australia
 (57) An electrical switch assembly is disclosed. Components of the switch assembly are able to be releasably connected to a mounting plate (30). The assembly comprises a mounting plate (30) including a first opening (33). A button surround including a second opening is securable to the mounting plate with a switch (34), including a button for operating the switch, is securable relative to the mounting plate (30). The button is accessible through the first opening and the second opening. A cover plate, including a third opening, is securable to the mounting plate (30) such that the button is accessible through the third opening. The button surround and the switch (34) are adapted to be secured to each other; the switch (34) includes a housing which is attachable to the button surround. Both the housing and button surround both form a rotary lock attachment means to allow the housing to be attached to the button surround using a rotating action.
 Divisional filed as 580280

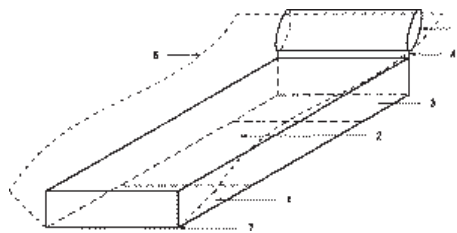


(21) 578817 (22) 28 Jan 2005
 (54) Fan blades and modifications
 (51) IP2009.01:F01D1/02; F01D5/00,18
 (71) Delta T Corporation

(72) Aynsley, Richard Michael;
 (31) 60/589945 (32) 21 Jul 2004 (33) US
 (74) Freehills Patent & Trade Mark Attorneys, Level 43, 101 Collins Street, Melbourne, Victoria 3000, Australia

(57) A fan blade 50 configured to mount to a rotating fan hub, the fan blade 50 comprising (a) a top surface 52 having a generally elliptical curvature, wherein the curvature of the top surface 52 is based on a first ellipse, (b) a bottom surface 54 having a generally elliptical curvature, wherein the curvature of the bottom surface 54 is based on a second ellipse, (c) a leading edge 56, wherein the top surface 52 and bottom surface 54 each terminate at the leading edge 56, and (d) a trailing edge 58, wherein the top surface 52 and bottom surface 54 each terminate at the trailing edge 58.

(62) Divided Out of 553003



(21) 579319 (22) 28 Aug 2009

(54) Innerspring Mattress System

(51) IP2009.01:A47C23/00,04

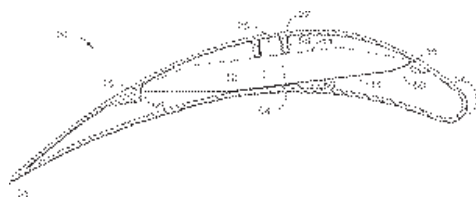
(71) Select-O-Pedic Bedding Pty Ltd

(72) Giannopoulos, George;

(31) 2008904467 (32) 29 Aug 2008 (33) AU

(74) Chrysiliou Law, Suite 6, Mount View Place, 322 Mountain Hwy, Wantirna VIC 3152, Australia

(57) A mattress comprising a first border member configured to define an upper periphery of the mattress, a second border member 22 configured to define a lower periphery of the mattress, and at least two spring assemblies positionable within the first and second border members so as to extend between the first and second border members, wherein each spring assembly comprises an array of coil springs 14 and each spring assembly is positioned such that the coil springs 14 of one spring assembly are not directly connected with coil springs 14 of any other spring assembly.



(21) 579228 (22) 21 Aug 2009

(54) Portable spool support

(51) IP2009.01:B65H49/32; B65H54/553; B65H57/18; B65H75/22,40; F16M11/32,38

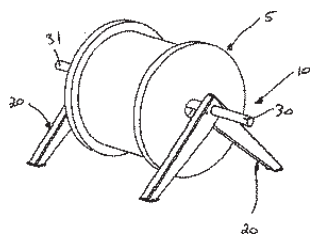
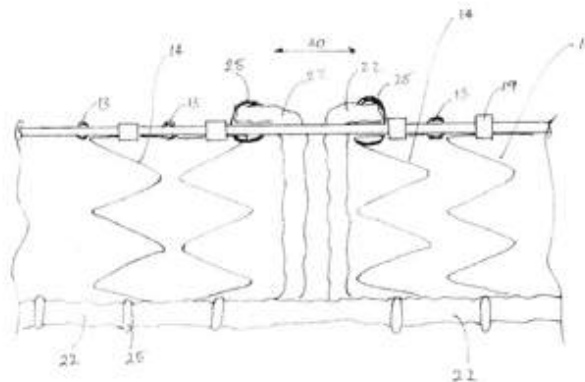
(71) Thomas Charles Joseph Grice

(72) Grice, Thomas Charles Joseph; Wilson, Kevin John;

(31) 08 207467 (32) 22 Aug 2008 (33) AU

(74) FISHER ADAMS KELLY, Level 29, Comalco Place, 12 Creek Street, Brisbane, Queensland 4000, Australia

(57) A portable spool support including a mounting member for location through a spool and a pair of support members attached to the mounting member. Each support member is formed from at least two legs, the legs being pivotal with respect to each other. The mounting member is removably attached to the pair of support members and an aperture extends through at least two of the legs of each support member to support the mounting member.



(21) 579291 (22) 27 Aug 2009 (23) 15 Oct 2009

(54) Composite Bed Linen

(51) IP2009.01:A47G9/02

(71) Mogambiree Pillay

(72) Pillay, Mogambiree;

(74) Mogambiree Pillay, 81a Hastings Road, Mairangi Bay, Auckland 0630, New Zealand

(57) A composite bed linen package comprising fitted bottom sheet 2, attached pillow case 5 with seams enabling the pillow to pivot and top sheet 6 which incorporates a pre-sewn blanket, the package secured to the mattress by preformed pockets 3 1 at the head and foot end without the need for zips, clips, ties or hook and loop fasteners and so assembled and attached to facilitate use in healthcare applications.

(21) 579426 (22) 4 Apr 2006

(54) Method and apparatus for management of multi-carrier communications in a wireless communication system

(51) IP2009.01:H04B7/04,06

(71) Qualcomm Incorporated

(72) Casaccia, Lorenzo; Malladi, Durga Prasad;

(31) 05 668437 (32) 4 Apr 2005(33) US

(31) 06 394450 (32) 30 Mar 2006 (33) US

(74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand

(57) A base station is provided, which includes a transmitter configured to transmit a multi-carrier switch command message to an access terminal instructing the access terminal to switch between a diversity mode where each antenna module of a number of antenna modules receives a single carrier signal transmitted at a single carrier frequency and a multi-carrier mode where a first antenna module of the number of antenna modules receives a first multi-carrier signal transmitted at a first carrier frequency and a second antenna module receives a second multi-carrier signal transmitted at a second carrier frequency.

The multi-carrier switch command message is in the format of a modified Packet Timeslot Reconfigure message in accordance with a Global System for Mobile Communication (GSM) Enhanced Data for Global Evolu-

tion (EDGE) Radio Access Network (GERAN) standard protocol. The message includes a multi-carrier switch indicator instructing the access terminal to switch to the multi-carrier mode, and a multi-carrier channel indicator assigning channels to the access terminal. The corresponding method and access terminal are also provided.

(62) *Divided Out of 562272*

(21) 579427 (22) 4 Apr 2006

(54) Method and apparatus for management of multi-carrier communications in a wireless communication system

(51) IP2009.01:H04B7/04,06

(71) Qualcomm Incorporated

(72) Casaccia, Lorenzo; Malladi, Durga Prasad;

(31) 05 668437 (32) 4 Apr 2005(33) US

(31) 06 394450 (32) 30 Mar 2006 (33) US

(74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand

(57) A base station is provided, which includes a transmitter configured to transmit a RXDIV switch command message to an access terminal instructing the access terminal to switch between a diversity mode where each antenna module of a number of antenna modules receives a single carrier signal transmitted at a single carrier frequency and a multi-carrier mode where a first antenna module of the number of antenna modules receives a first multi-carrier signal transmitted at a first carrier frequency and a second antenna module receives a second multi-carrier signal transmitted at a second carrier frequency.

The RXDIV switch command message is in the format of a modified Packet Downlink Assignment message in accordance with a Global System for Mobile Communication (GSM) Enhanced Data for Global Evolution (EDGE) Radio Access Network (GERAN) standard protocol, the RXDIV switch command message including a RXDIV switch indicator instructing the access terminal to switch to the diversity mode, and a single carrier channel indicator assigning a single carrier channel to the access terminal. The corresponding method and access terminal are also provided.

(62) *Divided Out of 562272*

(21) 579428 (22) 4 Apr 2006

(54) Method and apparatus for management of multi-carrier communications in a wireless communication system

(51) IP2009.01:H04B7/04,06

(71) Qualcomm Incorporated

(72) Casaccia, Lorenzo; Malladi, Durga Prasad;

(31) 05 668437 (32) 4 Apr 2005(33) US

(31) 06 394450 (32) 30 Mar 2006 (33) US

(74) JAMES & WELLS, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, New Zealand

(57) A base station is provided, which includes a transmitter configured to transmit a RXDIV switch command message to an access terminal instructing the access terminal to switch between a diversity mode where each antenna module of a number of antenna modules receives a single carrier signal transmitted at a single carrier frequency and a multi-carrier mode where a first antenna module of the number of antenna modules receives a first multi-carrier signal transmitted at a first carrier frequency and a second antenna module receives a second multi-carrier signal transmitted at a second carrier frequency.

The RXDIV switch command message is in the format of a modified Packet Timeslot Reconfigure message in accordance with a Global System for Mobile Communication (GSM) Enhanced Data for Global Evolution (EDGE) Radio Access Network (GERAN) standard protocol, the RXDIV switch command message including a RXDIV switch indicator instructing the access terminal to switch to the diversity mode, and a single carrier channel indicator assigning a single carrier channel to the access terminal. The corresponding method and access terminal are also provided.

(62) *Divided Out of 562272*

(21) 580280 (22) 31 Jul 2009

(54) Switch plate with an electrical socket that has a snap-in switch surround that can also releasably mount a switch

(51) IP2009.01:H01H9/02; H02B1/40; H01H9/08; H02B1/42; H01R13/506

(71) Hager Electro S.A.S.

(72) Budden, Peter; Lee, John;

(31) 2008904482 (32) 29 Aug 2008 (33) AU

(74) CULLEN & CO, Level 32, 239 George Street, Brisbane, QLD 4001, Australia

(57) An electrical switch assembly is disclosed. The assembly has a mounting plate (30), an electrical socket (32) and a switch (33) including a button (34) for operating the switch. The socket (32) is securable relative to the mounting plate (30) and is accessible through a first opening (31) in the mounting plate. The button surround, with a second opening, is also securable to the mounting plate (30) and secures the switch to the mounting plate (30). The button is accessible through the first opening (31) and the second opening. A cover plate, including a third opening, is securable to the mounting plate (30) such that the button (34) is accessible through the third opening. The cover plate also includes a fourth opening for providing access to the electrical socket.

(62) *Divided Out of 578760*

